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Lancaster Farming

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But Overall Damage Believed Light So Far

Southern Blight Spreads in County

The Southern Corn Blight is now scattered throughout Lancaster County, but only a few fields appear severely damaged at this point.

That was the assessment late this week by the Lancaster County extension service.

Jay Irwin, associate county agent, said he toured some fields this week with Don Robinson, vo-ag teacher, in the New Holland area and "about every field checked had it"

Max Smith, county agent reported the blight is "quite widespread" and "the feeling is that it's spreading into all parts of the county" He noted that the dry and cooler weather earlier this week seemed to be slowing the spread of the disease, however.

But Smith said, "We're still reminding farmers to make silage from it in the early or full dent stage." The idea is to get the crop harvested before the blight has a chance to do much damage

In commenting on the blight, Arnold Lueck, associate county agent, said, "It's scattered throughout the county, but the infection is certainly not uniform"

Just how much damage is being caused, Lueck said, really can't be determined until the corn can be examined in bins

Lueck indicated that while some corn varieties have been found to have the disease more than other varieties, there's no exact relationship between disease and variety. A variety that is hit hard in one field won't show any damage in another field, he said.

Lueck said he believes this discrepancy may largely be explained by wind currents which have been highly irregular in transporting the fungus and by farm management practices. Lueck said he has found the worst blight damage in fields where the corn crop has been under stress for various reasons such as damage by rootworm, too thick a stand, poor weed control or poor soil

The highly erratic nature of the disease was indicated by Irwin. "In the center of one field one variety looked like a blow torch hit it and another variety on either side was hit but *didn't show much damage.*" And the farmer reported that some parts of the variety that was hit was damaged much more in some parts of the field than in other parts.

Despite the severe damage in some fields, the county officials believe that the overall damage at this point in Lancaster County is not critical. A loss figure of 5 to 10 per cent is suggested, although it is emphasized no one really knows what the figure is or will be.

The figure could change significantly between now and completion of harvest, it is emphasized, depending in large part on the weather A rainy, humid September would encourage rapid growth of the blight and its toll could rise sharply, while a dry month with cool nights, officials believe, could keep the disease from getting much worse than it is now.

Smith is much more concerned about the late corn than about corn which is now nearly mature. Besides the question of weather, Smith said the blight could slow down the maturing of this corn so that frost catches it

Even a 5 to 10 per cent loss would amount to a lot of corn countywide Irwin pointed out that in 1969, the county reported 104,600 acres of corn in grain form and another 33,900 acres of silage

Earlier this year, Lueck projected an eight cent increase in plantings This would bring the corn acreage in the county to around the 150,000 level this year—out of about 400,000 acres in the county.

But Irwin indicated that *the county can absorb a 5 to 10 per cent crop loss* There were *much greater losses during past drought years*, he said

Smith told some farmers this week that most producers fre

(Continued on Page 12)

3 Pork Promotion Signs Put Up in Lancaster Co.

Three billboards promoting pork have been erected in Lancaster County as part of the statewide pork promotion campaign

The billboards are located on Route 222 just outside Ephrata going toward Reading, on Route 23 going toward New Holland, and on Route 30 near Paradise

In a meeting this week, the Pennsylvania Pork Producers Association allocated $6,000 to the promotion of pork in the form of billboards, instore promotion material and place mats for restaurants

Myerstown Lass Is Pa. Poultry Queen

Miss Betsy Jayne Ellsworth, Myerstown RD3, Lebanon County, is the new Pennsylvania Poultry Queen

The 19-year-old blond was chosen from among eight contestants at the Dutch Days festivities last week at Hershey.

The new queen is 5'6" tall and weighs 127 pounds

A coed at Mansfield State College majoring in home economics, she is a graduate of Cedar Crest High School.

She is a member of the National Honor Society and won the County 4-H Scholarship She has appeared on the College Dean's List. A member of the Omacron Gamma Pi Sorority, she has been active in 4-H Club work in Lebanon County for nine years

Among other hobbies and achievements, she lists youth fellowship work in her church.

Betsy Jayne Ellsworth
New Pa. Poultry Queen

She sings in the college church choir and enjoys horseback riding, cooking and sewing.

Representing the Lebanon Valley Poultry Association, Miss Ellsworth succeeds Miss Becky Jo Fritz as state poultry queen

Runner-up in the contest was Miss Anne Schneck, Slatington, representing the Southeastern Pennsylvania Poultry Association

Representing Lancaster County in the contest was Miss Nanette Stauffer of Ephrata, sponsored by the Lancaster County Poultry Association.

Contest judges were Miss Marie Gipe, home economist for Potomac Electric Co, chairman, Mrs Scott Tagg, Hatfield, 1955-56 Pennsylvania Poultry Queen, and John Hart, Hershey Estates.

Farm Prices Decline 3%

Prices to farmers dropped three per cent in August, the sharpest drop in over 20 years, according to the USDA

The USDA farm price index in August was 276 per cent of the 1910-14 base period compared with 286 per cent in July

The index reached a five-year high of 309 in February

The crop reporting board attributed the drop in August to lower prices for hogs, cattle, and potatoes with higher prices for milk, lettuce and wheat partially offsetting the decline.

Lancaster Co. DHIA Board Approves Fee Increase for New Test System

The Lancaster County DHIA board Monday night approved a link-up with the new Penn State University milk testing system and an increase in member fees of eight cents per cow, effective April 1, 1971, to pay the costs

The present DHIA rate for a 40-cow herd is $25 per month for twice a day; $22 for single test, and $14 50 for owner-sampler.

At eight cents per cow, the new rate effective next year will add $3 20 per month to the typical 40 cow herd test rate, officials explained.

The DHIA testers themselves will pay the mailing costs in sending the samples to Penn State for testing, it was decided The mailing cost was estimated at around two cents per cow

The DHIA milk samples in the past have been processed locally by the individual testers using a Babcock testing unit, an acid solution system Each of 15 Lancaster County testers had a Babcock unit

Under the new system, the testing will be done by Penn State using a new process and equipment known as a Milk-O-Tester Only 10 Milk-O-Testers, which cost about $18,000 each, will be needed for the entire state, it has been reported.

In discussing the new DHIA rate increase to send the samples to Penn State, local DHIA members reported that actual cost will be about 12 cents per sample, 10 cents to the University for the test and two cents cost to send the sample.

But in passing along the cost to producers, the DHIA board chose a per cow, rather than per sample, system

Some discussion was given to having the testers pay a higher proportion of the increase on the grounds that the new system will enable testers to do their job in a shorter time But the final decision was to hold the cost increase to the testers to two cents

In other action, it was reported the state DHIA board has adopted a policy change to allow members to withhold, on request, their names from publication in DHIA lists in local newspapers and the DHIA yearly summary booklet Forms for requesting the withholding will be available from local testers

The forms were made available, it was indicated, for use by individuals who might have strong convictions against publication but it was reported that movement in and out of the publication list will be discouraged by limiting a change in status to the beginning of the test year A farmer who changes his mind about non-publication could also fill out a card to be reinstated

During the meeting, Robert Hess, local representative on the state DHIA board, said the state board membership will be increased from 15 to 18 members. One of the new members will be from Chester County, Hess said.

Beef Western-Style

About 210 Red Rose 4-H Baby Beef and Lamb Club members and parents attended the annual beef barbecue this week at the Penryn picnic woods.

The main dish was beef barbecued western-style in a pit.

Farm Calendar

Tuesday, September 8

8 p m —Ephrata Adult Farmers Officers' Meeting, Ephrata High School

Wednesday, September 9

1 30 p m —Farm Women Society 14, home of Mrs. John Groff.

Friday, September 11

7 p m —Pa Egg Marketing Association, Sheraton-Conestoga Inn, Route 222, Lancaster

ASC election day

Saturday, September 12

Farm Women's Society 1 "All Foods Sale" at Nichols Store, Ephrata.

National Plowing Contest, Greenville, Ohio.

MARKET NEWS REPORT

At Lancaster Yards

Auction Only

September 2, 1970

CATTLE 1090—Compared to Monday, Slaughter Steers uneven, early sales steady to strong later sales steady to weak Cows 25 50 lower Bulls steady to 50 higher

SLAUGHTER STEERS — High Choice and Prime 1100-1375 lbs 31 00 31 75 Choice 925 1325 lbs 29 50 31 10, high Good and low Choice 28 75 30 10 Good 27 00 29 25 Standard and low-Good 25 50 27 50

SLAUGHTER HEIFERS — Choice 725 950 lbs 28 00 28 60, couple 29 60 30 35 Good 25 00 28 00

COWS—Utility and high dressing Cutter 22 35 23 75 few 23 85 24 25 Cutter 21 50 22 85 Canner and low Cutter 19 00 21 50

BULLS — Choice 29 00 30 50 Good 27 00 29 00 Utility and Commercial 27 00 29 75, few 29 85-30 60 five head 31 10 32 50

CALVES 136 — Vealers 1 00 2 00 higher, with Good and Choice 3 00-5 00 higher

VEALERS — Choice 49 50 54 00, eight head 54 50 55 00 Good 47 50-49 50 Standard 42 00-47 50 Utility 35 00 43 00, Cull 90 120 lbs 29 00 34 50 65-85 lbs 25 00-30 00

HOGS 241—Barrows and Gilts weak to 50 lower

BARROWS AND GILTS—US 1 220-230 lbs 22 50 23 25 US 1 2 210-240 lbs 21 50 21 60; US 2 3 200-250 lbs 21 10 21 50

SHEEP 41 — Spring Lambs strong to 50 higher

SPRING LAMBS—Choice 75 80 lbs 29 50 30 50 Utility 50 80 lbs 23 00-24 50

Weekly Review

September 3, 1970

CATTLE 2500 — Compared to last weeks close, Slaughter Steers unevenly steady to weak Cows 25 75 lower, Bulls steady to 50 higher Supply included an estimated 50 percent Slaughter Steers, 25 percent Cows and Bulls, with the balance mainly Feeder Steers

SLAUGHTER STEERS — High Choice and Prime 1100 1375 lbs 31 00 31 75 Choice 925 1325 lbs 29 50 31 10 high Good and low Choice 28 75 30 10 Good 27 00 29 25 Standard and low Good 25 50 27 75

SLAUGHTER HEIFERS — Choice 725 950 lbs 28 00 28 60 couple 29 60 30 35 Good 25 00 28 00

COWS — Utility and high dressing Cutter 22 35 33 75, few mainly on Monday 23 85 24 35 Cutter 21 50 22 85 Canner and low Cutter 19 00 21 50

BULLS — Choice 28 75 30 50 Good 27 00 29 00 Utility and Commercial 27 00 29 75, few 29 85 30 60 five head 31 10-32 00

CALVES 450 — Vealers opened this week 1 00 to 2 00 lower, this decline recovered on Wednesday with Good and Choice an additional 2 00 higher

VEALERS — Choice 49 00 54 00 eight head 54 50-55 00 Good 47 50 49 50, Standard 42 00 47 50 Utility 35 00-43 00

(Continued on Page 3)

Vintage Auction

September 1, 1970

CATTLE 1031 — Compared to last Tuesday, Slaughter Steers steady to 25 lower, lease decline on Standard and Good, Cows 50 75 lower Bulls steady to 25 lower Supply included 24 per cent Cows and 8 percent Bulls

SLAUGHTER STEERS—High Choice and Prime 975 1300 lbs 31 00 31 85, few head 32 00 32 25, Choice 950 1325 lbs 29 75 31 60 high-Good and low-Choice 28 75 30 25 Good 27 60 29 25 Standard and low Good 25 60 28 00

SLAUGHTER HEIFERS — Choice 750 900 lbs 28 50 30 00 Good 26 50 28 00

COWS—Utility and high dressing Cutter 21 75 23 50, few 23 50 24 00 Cutter 21 00 23 00, Canner and low Cutter 18 75 20 50

BULLS — Good 27 00 28 25 couple Choice 29 50 30 25 Utility and Commercial 27 00 29 75 few 30 50-31 75

CALVES 681—Vealers steady to strong

VEALERS—Choice 48 00 51 00 few 51 00-53 00 Good 44 00 48 00, Standard 39 00 45 00 Utility 34 00-40 00 Cull 90-120 lbs 30 00-33 00, 65 85 lbs 27 00-30 00

HOGS 346—Barrows and Gilts 50 1 00 higher

BARROWS AND GILTS— US 1-2 210-235 lbs 22 10 22 50 US 2-3 200 240 lbs 21 50-22 00 US 3-4 225-255 lbs 21 10 21 35, US 2 185 200 lbs 20 00-21 00 165-185 lbs 19 00-20 00

SHEEP 24—No report

New Holland Auction

September 3, 1970

CATTLE 934 — Compared to last Thursday, Slaughter Steers weak to 50 lower, most decline on Choice and Prime; Cows slow 1 00 1 50 lower, Bull fully steady, instances 50 higher on Utility and Commercial under 1050 lbs

SLAUGHTER STEERS — High Choice and Prime 975 1300 lbs 30 75 31 25, couple 935 lbs 30 35, Choice 950 1450 lbs 29 50 30 85, high Good and low-Choice 28 60 29 75 Good 27 25 29 00 Standard and low Good 25 50 27 60

COWS — Utility and high-dressing Cutter 20 75 22 60 eight head 22 85 23 60 Cutter 19 85 22 00 Canner and low Cutter 18 00 20 00

BULLS — Choice 26 75 30 10 few 30 35 31 00 Good 26 75 29 00, Utility and Commercial 27 00 29 75, few 30 00 31 25, with five head 32 10 32 60 Cutter and Utility 800-1050 lbs 25 25 27 00

CALVES 502 — Vealers mostly steady

VEALERS — Choice 47 00 50 00, Good 43 00 47 00, Standard 40 00 44 00, Utility 34 00 41 00, Cull 90-120 lbs 29 00 34 00, 65 85 lbs 23 00 29 00

CALVES RETURNED TO FARM — Bulk 90 120 lbs 33 00 41 00

SHEEP 7 — Insufficient volume for a market test

HORSES

August 31, 1970

Receipts of 295 horses sold steady Riding horses 95-340; Driving horses 100-225; Pony mares 10 30, geldings 10-20; Killers 4 6

COWS

September 2, 1970

Receipts of 69 cows and 6 heifers sold steady. Fresh Holstein cows 425 640, Other breeds 275 375 Heifers 280-395.

HOGS

August 31, 1970

Hog receipts totaled 1431. Retail 22 23 50 Wholesale 2, 3, 4s, 21 50 22 Heavyweights 19 21.50.

CALVES

August 31, 1970

Calf receipts totaled 120. Choice and Prime 44-50, Standard 32 39 Good and Low Choice 39 50 43 50 Common 25 31-50.

Chicago Cattle

Weekly Review

CATTLE — Compared last weeks close, slaughter steers steady to 25 lower, decline on average choice and below under 1150 lbs Slaughter heifers steady Cows 75-1 00 lower. Bulls steady

Receipts 75 percent slaughter steers, 22 percent heifers, the balance mainly cows. Overall finish of slaughter steers slightly more attractive than last

(Continued on Page 3)

FUTURES TRADING

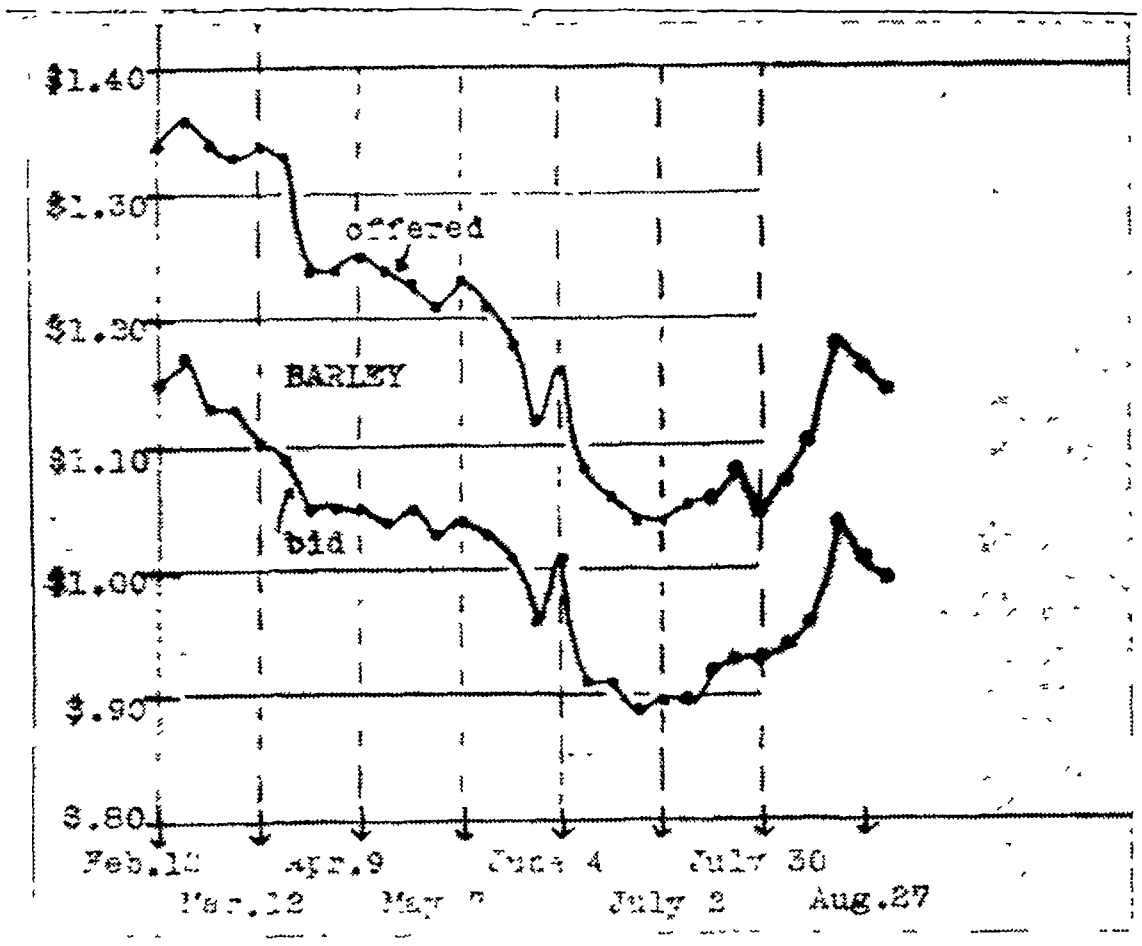
(Closing bids as of Thursday, September 3, 1970)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
September				45.75
October	28.92	19.57		39.25
November			2.69	40.70
December	28.82	19.60		39.35
January '71				37.40
February	29.25	20.37		
March			3.05	
April	30.00	21.60	3.30	
May			3.92	
June	30.30	23.72		
July				
August	29.87	23.66		
Sept.				
October	29.20			

Trend Cattle are steady, hogs are steady, potatoes are stronger and eggs are stronger.

a-asked b-bid n-nominal

Markets provided by Commodity Dept., Reynolds & Company



Local Grain Prices

These prices are made up of the average prices quoted by six participating local feed and grain concerns It should be noted however, that not every dealer handles each commodity All prices are per bushel except for ear corn which is per ton

These prices are made up of The average local grain prices quoted Thursday September 3 1970 are as follows

	Bid	Offered
Ear Corn	40 66	45 66
Shelled Corn	1 58	1 74
Oats	72	81
Rye	99	1 14
New Wheat	1 47	1 65

Bid is the price the dealer will buy from the farmer delivered to the mill Offered is the price the dealer will sell to the farmer

AUCTIONS makes the difference in marketing livestock!

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MONDAY 10 30 A M — FAT HOGS and SHOATS
2:30 P.M — FAT STEERS, BULLS, COWS & VEAL

HORSE SALE — MONDAY at 10.00 A M.

DAIRY SALE — WEDNESDAY at 12 30 P M.

FAT STEERS, BULLS, COWS & VEAL — THURSDAY at 12 30 P M.

NEW HOLLAND SALES STABLES, INC.

New Holland Penna
Abram W Diffenbach Manager Phone (717) 354 2194

VINTAGE SALES STABLES, Inc.

PARADISE, PENNA.

BULLS, STEERS, BUTCHER COWS, HOGS, LAMBS AND VEAL CALVES SOLD ON COMMISSION

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FAT HOGS AND FEEDER PIG SALE
EVERY SATURDAY AT 9:00 A.M.

For Marketing Information
Phone Area Code 717-442-4181

Box 100 Paradise, Pa.
10 mi East of Lancaster on Rt 30
Kenneth E. Hershey, Sales Manager

Weekly Poultry Report

Eastern Pennsylvania And New Jersey

Prices unchanged to slightly higher on light type hens. Demand fair to good despite some plants working reduced schedules because of labor shortages and reduced interest for dressed product at this time when users are concentrating on vegetable processing. Offerings while occasionally limited were about adequate for needs. Offerings of heavy type hens ample for a limited call with considerable volume moving to canner processors in a effort to clear. Prices paid at farm: Light Type Hens 5-6¾ mostly 6¼-6½c in Pennsylvania mostly 5-5½c in New Jersey. Heavy Type Hens 9-10c.

Delmarva

Ready-to-cook movement fair to good.

Offerings fully adequate though generally held with confidence in most quarters as prices mostly unchanged. Advance interest continues slow in developing on a volume basis. Live supplies ample with weights increasing due to lighter slaughter than desired and more favorable growing weather. Undertone unsettled.

Pool trucklot prices for Thursday arrival in the New York area:

U S Grade A 25-26½. Mostly 25½-26½. Plant Grade 24-25. Mostly 24½-25.

Special packs including 1¾-2 3½ + sizes Tfewi

Fogelsville

(Prices paid dock weights, cents per lb., except where noted) HENS, Heavy Type 8-19, PULLETS 26½-32; ROASTERS 10-29 20½-29; DUCKS 15-43. DRAKES 13-51, RABBITS 21-36 25-36 GUINEAS 50-76, PIGEONS (per pair) 90-3 05 90-1 35

TOTAL COOPS SOLD 589

HAY PRICES

For Southeastern and South Central Pennsylvania

August 31, 1970

All hay No. 2 and better, prices paid by dealers at the farm, price per ton.

Hay and straw steady

Alfalfa	28 00-35 00, few sales to 40 00
Timothy hay	20 00-28 00
Mixed hay	22 00-35 00
Straw	20 00-28 00
Mulch	8 00-15 00

Reported by Bureau of Markets Pa. Dept. of Agriculture.

Federally Inspected Livestock Slaughter

(For week starting August 31, 1970)

	Cattle	Hogs	Sheep
Week to date	470,000	1,214,000	146,000
Same period last week	468,000	1,228,000	150,000
Same period last year	371,000	916,000	129,000

Estimated daily livestock slaughter under Federal Inspection

Green Dragon

The Ephrata Green Dragon market reported receipts of 157 head of average quality dairy cattle Friday, August 28, with light attendance and prices steady.

Consignments included:

Herd of Butler County Cows, $350-550

Load of Upstate cows, $450-500

Load of Canadian Cows, $345-600

Load of Penna. Heifers, $200-350

Load of Mixed Cows, $272.50-410

One Stock Bull, $310.

HAY MARKET, AUGUST 28

16 loads hay, including: one load Alfalfa, 31.00 per ton; few loads clover, 25.00-26.50; few loads Mixed hay, 23.00-41.00; couple loads Timothy, 36.50-38.50.

Few loads straw, 30.00-37.00 per ton.

Few loads ear corn, 43.00-44.00 per ton.

New York Eggs

Prices generally unchanged. Receipts light to moderate with most incoming loads from nearby areas. Large continue to be cleared early by a fairly good demand while extra large and jumbos were short. The medium market continue to deteriorate locally with sales recorded down to 29 cents and additional offerings at 28 cents untaken. Demand for smalls also disappointing and inventories were accumulating. Carton orders just fair with some scattered retail feature activity noted on mediums and smalls.

Weekly UEP Egg Market

Prices to the Producer

Tuesday, September 1, 1970 and Thursday, September 3, 1970

Region	Large		Medium		Small	
Northwest	37	38	26	26	13	12
Central West	34	35	25	25	11	11
Southwest	34	35	25	24	12	12
Midwest	37	40½	25½	25	11½	11
Southeast	39	41	27½	26½	14	14½
Northeast	42	44	27½	26½	14½	14½
National Average	38½	40½	26½	26	13	13

Weekly New York Egg Mkt.

From Monday, August 31 to Friday, September 4

	Mon.	Tues.	Wed	Thurs.	Fri.
WHITE					
Fcy Ex Large	52	53	53	53	53
Fcy Large	47	48	48	48	48
Fcy Mediums	33½	33½	33½	33½	33½
Fcy Pullets	21	21	21	21	21
Fcy Peewees	15	15	15	15	15
BROWN					
Fcy Large	47	48	48	48	48
Fcy Mediums	Unquoted				
Fcy Pullets	Unquoted				
Fcy Peewees	Unquoted				
Standards	43	44	44	44	44
Checks	23	23	23	23	23

Trend: Large sizes in very close balance, mediums ample but movement improving

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● Lancaster

(Continued from Page 2)

Cull 90-120 lbs 29 00-34 50, 65-85 lbs 25 00-30 00

HOGS 1200 — Barrows and Gilts about steady, Sows scarce

CLOSING SALES, BARROWS AND GILTS — US 1 220-230 lbs. 22 50-23 25 US 1-2 210-240 lbs. 21 50-21 60 US 2-3 200-250 lbs. 21 10-21 50

SHEEP 300 — Spring Lambs strong to 50 higher, Ewes mostly steady

SPRING LAMBS — Choice 70-90 lbs 27 00-29 50 one small lot on Wednesday 30 50 Good 25 00-27 00 Utility 50-80 lbs 23 00-25 00.

SLAUGHTER EWES — Utility and Good 5 00-9 00 few Cull 3 00

● Chicago

(Continued from Page 2)

week with 15 percent prime and 7 percent C choice, compared with 13 percent prime and 73 percent choice last week, and 22 percent prime and 70 percent choice last year. Average cost and weight of slaughter steers, estimated at 30 50, lowest in 11 weeks, and 1150 lbs., the lightest since last October, compared with 30 56 and 1155 lbs last week, and 30 06 and 1160 lbs last year. Heifer supply mainly high good to low prime weighing 800-1000 lbs with the average weight of slaughter heifers expected to be about 895 lbs. Lightest in four years. Average cost of slaughter heifers estimated at 28 00 lowest since January.

SLAUGHTER STEERS Prime 1175-1325 lbs yield grade 3 and 4 31 75-32 00 seven loads 1200-1350 lbs 32 25, high choice and prime 1150-1425 lbs 31 00-31 75, comparable grade 1050-1150 lbs 30 50-31 25, choice 1100-1350 lbs yield grade 2 to 4 29 75-31 00, choice 950-1100 lbs 29 50-30 25, mixed good and choice 950-1200 lbs 28 75-29 75 Good 26 50-28 75, standard and low good 25 50-26 50

SLAUGHTER HEIFERS Three loads prime 1050-1060 lbs 29 50, high choice and prime 950-1000 lbs yield grade 3 and 4 29 00-29 25, choice 825-1000 lbs yield grade 2 to 4 27 75-29 00, mixed good and choice 750-900 lbs 27 00-27 75, good 25 50-27 00.

NOTICE NOTICE

T X

A CORN AND FERTILIZATION PROGRAM

sponsored by

CARLTON SEED COMPANY

and

ORGANIC PLANT FOOD CO.

will be held on SEPTEMBER 18 at 1:00 P.M. on the farm of EUGENE HOOVER, Lititz R#3

½ mile southeast of the LANCASTER AIRPORT along Route 722.

Mr. MERLE VORIS from the **TROJAN CORN COMPANY** will be present to answer questions on corn production.

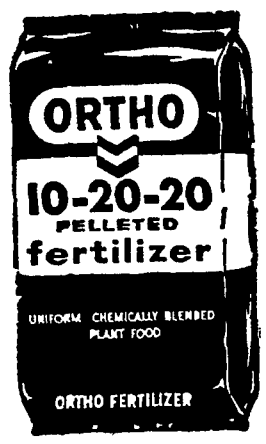
Mr. HILDRITH from **U.S. STEEL** will inform us of corn fertilization needs.

17 TROJAN varieties are being grown including a high lysine number for your observation.

Come, bring a neighbor and friend.

Door Prizes And Refreshments

FERTILIZE Your WHEAT With ORTHO UNIPEL FERTILIZER



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P S — If you're not sure you told us already we don't mind hearing from you again

Plant Genetics -- A New Look

By now, many or most local farmers know that the Southern Corn Blight appears to have centered primarily in a few varieties of corn with common characteristics that apparently make them particularly prone to the blight.

In the future, it now appears almost certain that work in the seed corn industry will be toward replacing these susceptible varieties as fast as possible with resistant varieties.

While being concerned about adopting a resistant variety, particularly if they have corn with the blight this year, farmers should not be hasty to condemn seed firms which have the non-resistant varieties.

It should be remembered that almost no one in this area had ever heard of Southern Leaf Blight until a few weeks ago. It is a new blight strain. It caught everyone by surprise.

The work of the various seed firms in breeding more vigorous hybrid corn varieties over the past many years have helped make the large present-day corn yields possible. Along the way, many desirable plant characteristics have been bred into the corn and undesirable traits, as well as diseases, crossed out.

When something new like the present blight comes along it can catch the corn breeders temporarily by surprise, but now they're already working hard to breed this new threat to corn out of existence. They will succeed.

Meantime, the corn breeders need our patience and encouragement.

Ultimately, the blight may help to make us all a little more aware of the importance of plant genetics in determining the success of our farm operations.

On Overcoming the Blight

Farmers in the next several weeks should stay very alert to the economic implications of the Southern Corn Blight.

If any one farm crop could be called a basic or staple crop, it is corn. At this point, the fall-out from the changed corn situation as a result of the corn blight has, or soon will, hit just about every type of farm operation.

While the overall impact, we believe, has been detrimental to farming, it should not be assumed that all farmers are sharing equally in the loss or even that all farmers are suffering As usual when there is a shortage of a product, the farmer who is lucky enough to have a bumper crop or a large quantity of the product in storage will actually benefit, perhaps substantially

The price of corn is very high for this time of year and the indications are that the prices will stay higher than usual for some time to come, barring unexpected good news about the amount of crop loss from the blight.

Impact Is Uneven

The impact of the higher corn prices will be favorable for farmers who have corn to sell or who have enough on hand that they don't have to buy it The farmers with corn will reap the benefit of the higher prices directly through sales of corn or through a competitive advantage over farmers who have to buy the higher-priced corn.

Suffering directly from the new high corn prices will be all those farmers, probably the majority of farmers, who have to buy corn directly or indirectly in feed

Because corn is such a basic element in feed, the expected corn shortage has brought on concern about an overall national feed shortage This has dragged up the price of nearly all the grains that go into feeds

Awareness of this new feed situation will be vitally important for those farmers —such as broiler and egg, swine and beef producers — who buy large quantities of feed For most such producers, commercial feed is the primary cost of production Any substantial increase in feed costs is immediately reflected in overall operating cost increases.

Such operating cost increases mean the farmer can no longer make the same profit on last year's prices. If prices don't go up accordingly, the producer's profits could be squeezed severely.

Will prices of farm products go up? Generally, probably yes But it is highly uncertain if the price increases will off-set cost increases.

The impact in this direction may be very irregular. With some products, prices may go up faster than costs, while in other areas costs may go up faster. It is important that the individual farmer be alert to how the situation develops in relation to his own operation so as to be better prepared to make the right moves to maximize profits or minimize losses.

(It should be noted that proposals have been made by the railroads to increase freight rates Some local farm authorities have indicated such increases could exert considerable additional upward pressure on feed prices.)

Just How Serious?

The big unanswered question for everyone is just how serious the corn blight really is

Most reports indicate a national loss not exceeding 5 to 10 per cent. While this would amount to a huge amount of corn—nearly a quarter to a half billion bushels —it would not be an insurmountable loss. As Max Smith, Lancaster County agricultural agent, told some farmers this week, "A lot of farmers lose more than that each year (from various diseases, insects and poor management practices) and never even know it"

County extension officials also said they believe the county crop suffered much greater losses during the past drought than is indicated so far from the blight.

It was noted, however, that additional blight losses could occur this month, particularly to the later maturing corn and particularly if the weather is rainy and humid. Farmers have been advised to keep a close watch on their corn crop and, if the blight seems to be doing major damage to try to harvest it for corn silage at the earliest possible time.

Some Good Crops

More than 25 per cent of the Lancaster County corn crop is harvested as silage and the silage harvest is already underway. Many farmers apparently will be able to complete the silage harvest with little or no blight loss. (See Max Smith's column for advice on using silage preservative.)

And happily, reports indicate that the wet season has produced some outstanding corn crops on record-high acreage plantings, indicating that perhaps in Lancaster County, at least most farmers should still be optimistic, despite negative reports about the blight and the legitimate concern about it.

Nationally, the federal government has more than enough grain in storage to make up a 5 to 10 per cent loss. A loss of this level apparently would mean higher grain

(Continued on Page 10)

LANCASTER FARMING
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NOW IS THE TIME...

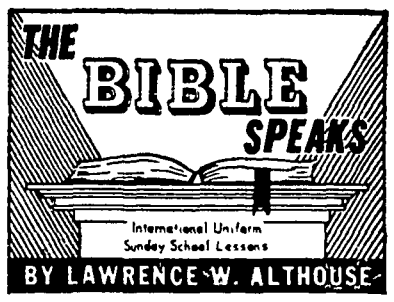
By Max Smith
Lancaster County Agent

To Practice Safety In Corn Harvesting

Corn is one of the major farm crops and has grown in importance in the past decade In all cases mechanical equipment plays a very important part in this process and all growers are urged to stress safety to all workers The corn picker has injured more people than any other piece of corn equipment in recent years In most cases it was because of the operator not following the safety directions of the manufacturer by cleaning or making some adjustment without stopping the machine Use all safety suggstions at all times and urge all farm workers to be careful

To Ensile Infcted Corn

It seems that the local corn crop is infected with both the Yellow Leaf Blight and the Southern Leaf Blight the latter one seems to be more severe and is causing more rapid drying of the plant, and in some cases the rotting of part of the ear. At the present time there is no evidence of any hazard to animals from corn infested with either disease If weather conditions favor (wet and humid) the additional development of the Southern Leaf Blight to the point where a large percentage of the ear is rotten, then there may be some question as to its keeping qualities Livestock authorities have suggested that the use of some hage preservative, such as Kylage or Sodium Meta-bisulphite will help the fermentation processes, keep down mold development in the silo, and reduce the danger of poisonous gases These materials have been recommended for grass silage in the past.



THE PEACEMAKER

Lesson for September 6, 1970

Background Scripture: Genesis 26; Matthew 5 9, James 4 1 3
Devotional Reading. Romans 12 14 21.

WANTED: Peacemakers like Isaac.
REWARD: Blessed are the peacemakers for they shall be called the sons of God.

If God were in the habit of running classified advertisements in this newspaper, the one above might well be among them. The world certainly needs peacemakers like Isaac today.

Rev. Althouse

What's so special about Isaac? Let's review what we know about him. He was the son of Abraham and the father of Jacob and Esau. A famine was rising in the land and God instructed him to live in the valley of Gerbar. The people who lived there, the Phillistines, welcomed him at first, but when Isaac became quite prosperous, they forced him to leave.

Another well!

So Isaac moved out into a more barren area and dug a well. As soon as the well was dug, the Phillistines decided it was on their property. So Isaac dug another well and this one was also claimed by others. But Isaac moved on and dug another well, and no one bothered him about this one.

The situation I've just described had all the makings of a war. Isaac's Phillistine neighbors were jealous and envious of his prosperity. They became greedy, coveting something for which they had not labored. And this is still the source of so much hostility and tension in the world today, the seeds from which are spawned great and bloody conflicts.

Isaac was a peacemaker. He worked miracles in human relationships. What was his secret? He was no diplomatic genius, so diplomacy is not the answer. He had no great army, so no one was afraid of his military might. What then made him a man of peace?

Saving "face", losing peace

The key, I believe, is in the fact that, unlike most men, Isaac was not handicapped by an inflexible pride. He was not a coward and would not back down upon his principles. Had the Phillistines tried to take away his right to worship God they would have learned that quickly enough. But he was a man who could compromise on non-essentials. He would fight, but what he fought for had to be worth fighting for. He would not fight for the sake of his pride.

How many wars have begun and continued simply because nations have taken stands on trivial matters and then felt compelled to fight for the sake of "saving face"? A case in point is the year 1917, the most costly year in the First World War. After both sides had lost some 900,000 casualties in the carnage of the Battle of the Somme, Germany and the Central Powers put out peace feelers for a negotiated peace. Britain and France, however, were committed to a policy of "unconditional surrender" and, instead of responding to the German peace efforts, a green light was given to British General Haig for the Flanders campaign. In five months, Haig sacrificed 400,000 British troops in an inflexible plan that at best gained an advance of 9,000 yards. By then, a negotiated peace was impossible!

The cost of honor

After the Armistice the Allies, still committed to their "unconditional surrender," excluded both Germany and Russia from the peace table at Versailles and a treaty was signed that lasted only twenty years when Hitler used this unjust treaty as the means to rally a bitter Germany behind him. George Kennan, former ambassador to Russia, tells us: "A stable postwar arrangement . . . had been rendered impossible before the war ever came to an end . . . by the principle of unconditional surrender."

Isaac, however, dug three wells and gave up the first two because he did not feel they were worth fighting over That's what made him a peacemaker.

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2,060 Enroll at 3 Vo-Tech Schools

Some 2,060 students are enrolled for classes at the newly completed vo-tech schools when the doors open on September 9.

Enrollment figures for each school are: Brownstown, 600 students; Mount Joy, 560 students, Willow Street, 900 students.

According to Dr. Henry C Walker, administrative director of the schools, construction at all schools is completed There are a few minor areas to be completed but nothing major to interfere with the classes

Overall administrative personnel named to the new county system with Dr Walker include: Benjamin R. Funk, director of cafeterias and transportation; J Richard Murr, coordinator of guidance services; Francis N Hull, director of library services, and George Steineman, school plant manager.

Staff and teachers at Willow Street vo-tech school are

C. Robert Zimmerman, principal; H. William Fisk, coordinator; John H Greer, guidance, Donald G Hoffman, head custodian; Mrs Kay Baker, Mrs Beatrice M. Jackson, Miss Pat McGarvey, secretaries

Teachers include Jensen H Groff Sr, air conditioning, John Loomis, appliance repair, Samuel Spearing, auto body repair; Charles E Anderson and Warren Kline, auto mechanics

Richard J Rhoads, building maintenance; Euguene R Creamer, carpentry, Robert Brucker, commercial art, Dorothy Lawrence, cosmetology; Carol Ann Evans, distributive education; Kenneth McCombs, electrical occupations, Joseph P Devine and Everett Best, food trades.

Jean De Mora, health assistant; Donald Greenawalt and Robert Horzer, machine shop; Earl Schlegelmilch, masonry, Linda Lou Kline, office practice, Elwood J Brubaker, painting and decorating; Kenneth Wolpert, patternmaking; Sara B. Shea, Coordinator, Ellen L Maddow, Verna L Braungard, Doris A Sites, Veronica I Ciccone, Sylvia A Marley, Joyce E Schreiber, Etta J Bishop, Linda M Greinider, practical nursing.

Thomas Sementelli, sheet metal; Edwin H Broome, warehousing, Mike Chavis, Jr, welding, Mrs Donna Herr, data processing technology, Luther L Ritz, drafting technology, Domenick Vitale, electrical technology, William Frank electronics technology, Ray Brenner, printing management technology.

Staff and teachers at Brownstown vo-tech school are

Ralph M Layman, principal; Dwight R. McGinnis, coordinator, Leon Rabzek, guidance; Mrs Charlotte Hartman and Bernice Sheafrer, secretaries, Merle Gahring, head custodian

Teachers include Paul H. Sachs, air conditioning, Donald L Wier appliance repair; Charles Landis, auto mechanics, Benjamin Deitrich, building maintenance

J Irvin Shelly, carpentry; Mamie T Camilli, cosmetology; John H Albright, distributive education, Richard L Copenhaver, drafting, Lester Z. Herr, electrical occupations; J Richard Wood, floriculture, Terry Lee, food trades.

Charles Poehner, graphic arts; James M Kerr Jr, horticulture; Joseph Trynosky, machine shop; Charles Breneisen, millwork and cabinetmaking Glenn Morrison, office practice, John W Myers, painting and decorating: Arlene Lo Galbo, textile, Robert L. Evans, welding

Staff and teachers at Mount Joy vo-tech school are

Harry M Kraft, principal; Glenn Rupp, guidance, Franklin McCormick, head custodian; June LeFever and Mrs Delores Simmons, secretaries

Teachers include Ben F. Kauffman, air conditioning; Andrew J Yundt, appliance repair, William Fritsch, auto mechanics, Laverne Eyer, carpentry

Ronald L Miller, cosmetology; Eric E. Alander, distributive education: Merle H LeFever, drafting, James M Mohler, electrical occupations, Anita E. Kitch, food trades.

Henry Zerphy, graphic arts; William Mitchell, horticulture; Lloyd R Swarr, machine shop; Robert Curley, masonry, Cynthia Blattenberger, office practice Albert W See painting and decorating William Stephenson, welding

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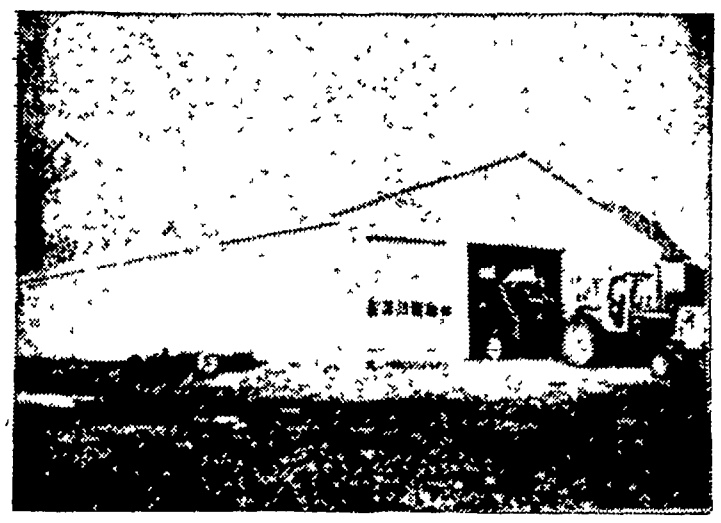

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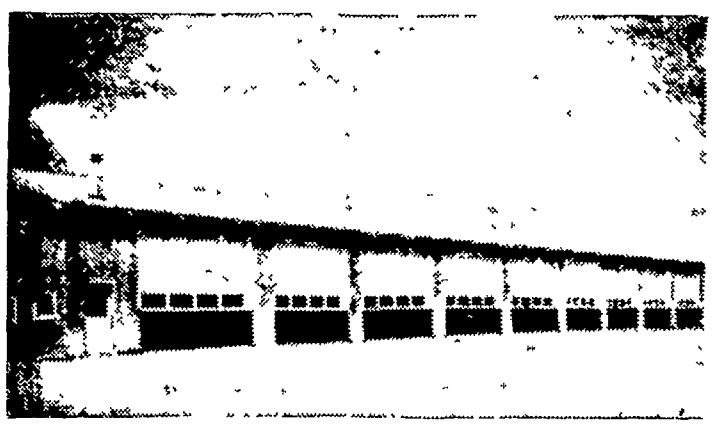

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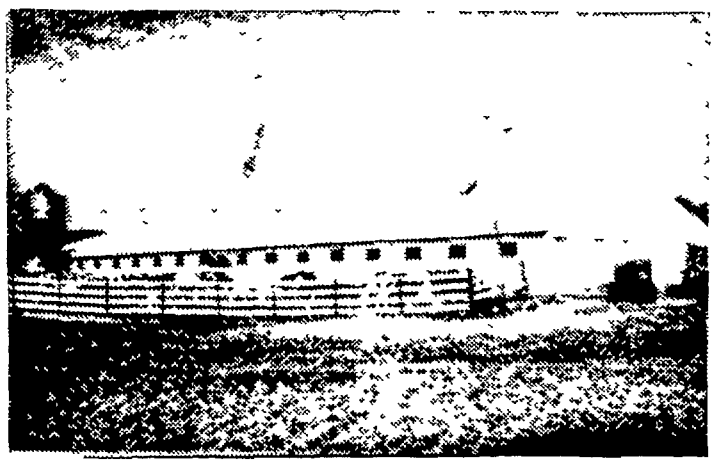

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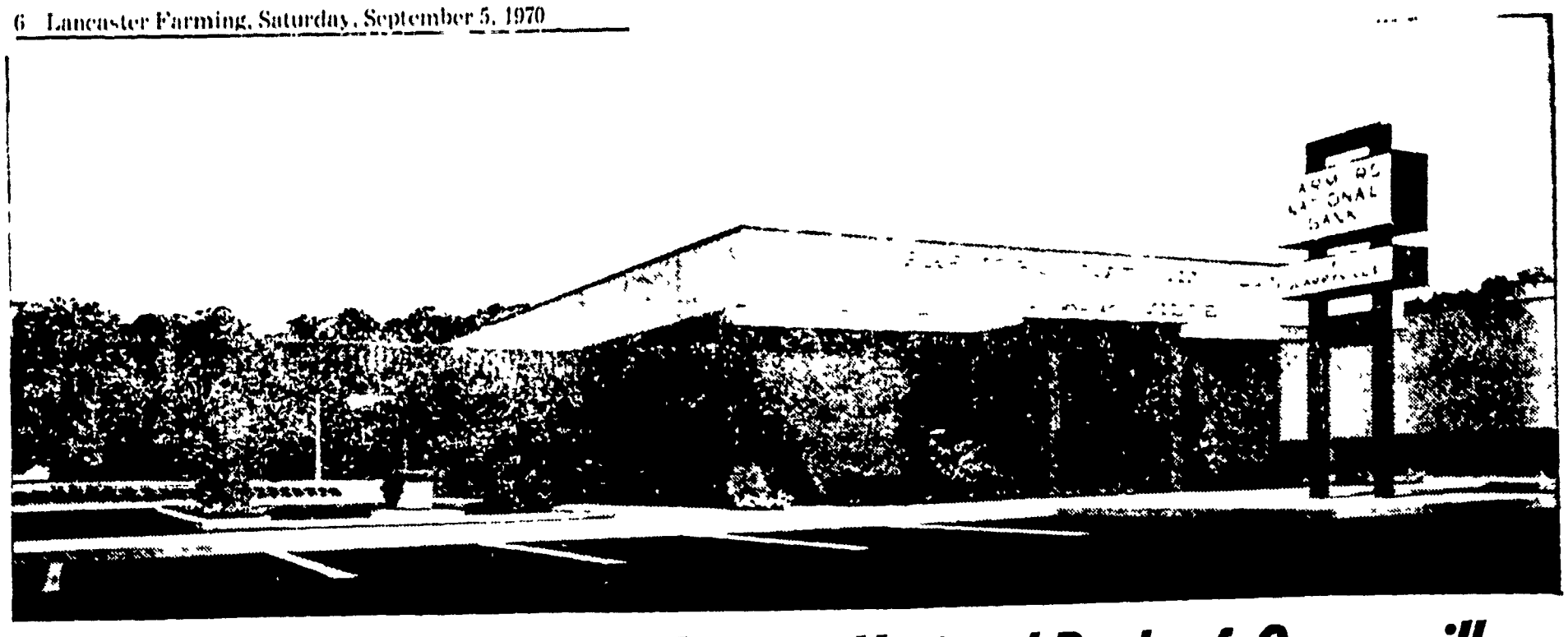


Future Home of the New Farmers National Bank of Quarryville

The new main office for the Farmers National Bank of Quarryville has broken ground for construction at the corner of Fourth and Chestnut Streets, Quarryville, Arthur E Brown, President, announced The expansion is in keeping with the continued growth of the bank and the Quarryville area

The new building contains approximately 9000 square feet, and includes a partial basement for storage and an additional vault The first floor has a continuous line of ten tellers windows safe deposit and coupon booth areas, a large vault of reinforced concrete, private offices, a conference and board room, a bookkeeping and audit control room, and employees lounge

The building was designed by Seidle Slocum & Smith, Architects of Ardmore, Pennsylvania The interior work consisting of vault equipment, marble tellers counters, and check desks will be furnished by Wilkinson Associates, Inc, of Philadelphia Paul D Risk of Quarryville is the General Contractor

The lobby is designed with a decorative ceramic tile floor, and has front and rear entrances for customer convenience from parking areas A drive up window is located on the Chestunt Street side Provisions for a future second window have been included, which will be operated by a pneumatic tube Two lines of cars will be able to circle the building with entrances from both Fourth and Chestnut Streets The drive-up facilities are protected with a full canopy and a decorative brick wall

The exterior of the building will have colonial green glazed handshaped brick, with buff colored precast stone aggregate panels around the fascia All windows will be of grey heat and glare reducing insulating glass Aluminum window and door frames will have a medium bronze color

Off street customer parking will be provided for thirty three cars At the South end of the property, a separate parking area will be reserved for employees. A wide overhang around the entire building will provide weather protection as well as illumination The night depository faces Fourth Street and will be illuminated throughout the night

The entire property will be attractively landscaped with planted areas, trees and lawns Completion of the project is expected by the middle of next year

Latin American Ag Firm Elects First President

The newly formed Latin American Agribusiness Development Corporation (LAAD), a venture of 12 major corporations, recently announced the election of James T Halom as president and chief executive officer

An experienced executive with over 20 years in Central and South American activities, Halom was formerly vice president of the Latin American Group of W R Grace & Co, New York

Halom, also named a director will succeed Fred S Orth, Bank of America vice president who served as interim president of LAAD since its formation in January

As president Halom will have executive responsibility for implementing company policies designed to promote efficient production processing and distribution of agricultural products, thus contributing to the profitable development of agriculture in Latin America

Halom will make his headquarters in New York where LAAD has opened an office at 680 5th Avenue The corporation expects to establish offices at suitable locations in Latin America after a period of operating experience He will be responsible to the LAAD Board of Directors made up of representatives of the following shareholders

Adela Investment Company, Bank of America Borden Inc Cargill Inc, Caterpillar Tractor Co, CPC International Inc, Deere and Company Dow Chemical Company, Gerber Products Company, Monsanto Company Ralston Purina Company and Standard Fruit and Steamship Company

Chemical Defleecing Gives Longer Fibers

Chemically defleeced wool had significantly greater staple length and a smaller percentage of short fibers than conventionally shorn wool in experiments reported by a USDA scientist

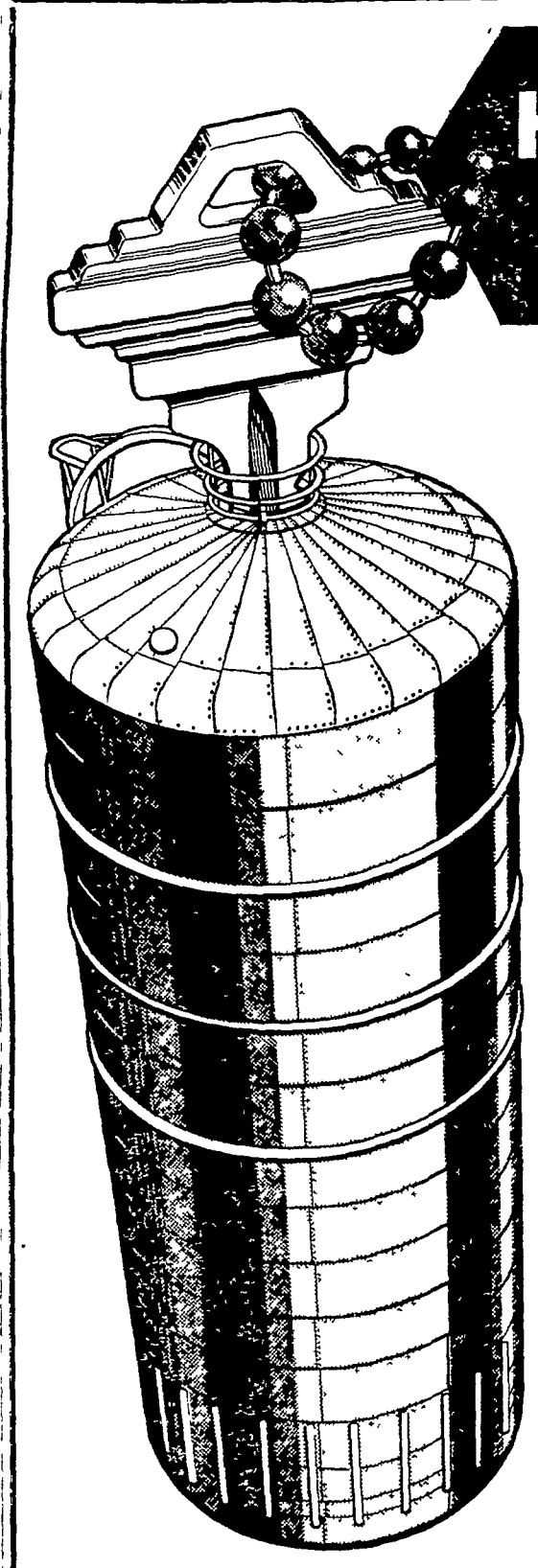
Mrs Mary E Hourihan of USDA's Agricultural Research Service speaking the 62nd annual meeting of the American Society of Animal Science University Park recently described experiments at Beltsville Md, in association with D Clay F Terrill ARS geneticist and Rael I Wilson ARS biometrician

In the experiments 20 western yearling ewes received oral dose of 24 milligrams of cyclophosphamide per kilogram of body weight on March 14 and were defleeced March 27 Twenty undosed controls were shorn by professional shearers on March 24

Mean staple lengths of fleeces were 9 76 centimeters for treated sheep and 8 88 cm for conventionally shorn controls This difference was expected Mrs Hourihan said since the treated sheep were defleeced to the skin while some wool is left on conventionally shorn sheep

The ratio of top to noils (short fibers) was 7 to 1 for treated sheep and 6 to 1 for conventionally shorn animals The ARS wool technologist said the difference is partly attributed to the short fibers resulting from second cuts in the conventionally shorn wool

The length of fiber in top averaged 6 22 centimeters for the group defleeced with the experimental chemical and 5 97 cm for the controls



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Ohio Research Favorable, May Compete With Hay

Can Garbage Become Animal Feed?

One possible solution to the nation's mounting problems with garbage disposal may be to process the garbage and feed it to cattle and sheep

Processed garbage has proven both palatable and digestible in studies with beef steers and lambs at the Ohio Agricultural Research and Development Center Wooster

Kenneth E McClure assistant professor of animal science at OARDC, reporting preliminary results of feeding processed garbage said that an Ohio engineering firm has developed a method of removing metal, glass and plastic materials from household garbage

The remaining garbage is then processed and marketed as a soil organic humus builder

Since the product contains considerable amounts of cellulose, protein, and other components normally found in feeds, Ohio scientists felt it might have some potential as a feed for ruminant animals

In the Ohio study, preliminary trials showed that processed garbage was readily eaten by both cattle and sheep in meal form mixed with ground shelled corn However, the palatability and digestibility trials were conducted using processed garbage in complete pelleted rations

Both cattle and sheep ate the processed garbage in quantities similar to those expected with more conventional rations The processed garbage rations were digested by the ruminant animals with no difficulty

McClure stressed that the Ohio study is preliminary in dicating only that ruminant animals will eat and digest processed garbage Feeding recommendations must await further testing and evaluation of feed efficiency

At current market prices processed garbage can be produced and marketed in bulk at prices competitive with hay. McClure believes that the product may someday fit into livestock feeding programs in brood cow or ewe maintenance rations or in starter or grower rations for feeder cattle or lambs The Ohio scientist also hopes to evaluate the potential of processed garbage in finishing rations for both cattle and lambs.

The Waste Reuse Issue

As the population grows and as people become more affluent the question of what to do with increasingly huge amounts of waste becomes more acute

This question of waste products is closely tied to the issue of pollution control actually, stopping pollution is largely a matter of controlling the wastes or effluents of human society

The accompanying three articles from Penn State University summarize research underway on this question of waste control The research findings were presented at the 62nd annual meeting of the American Association of Animal Science at University Park in early August

All three research projects dealt with recycling or reuse of items now considered waste

While reuse is not new — it has often happened in American industry that whole new industries have sprung up from the by products of wastes of other industries — these articles make it readily apparent that the potential implications for farming of waste reuse are very great.

Ever Consider Feeding Over 80% Straw Ration?

Straw, although produced in large quantities in most areas of the world, is generally not well utilized as a feedstuff because of its low nutritive value

European scientists started at the beginning of this century to develop chemical methods of treating straw in order to release its potential energy for animal feeding use

In recent times there has been renewed interest in further developing such methods because of the need to find new and cheaper sources of animal feed

A H Javed and E Donefer working at the Macdonald Campus of McGill University in Canada have reported a method where a sodium hydroxide (lye) solution is used to treat straw in an ordinary horizontal feed mixer The sodium hydroxide, a relatively inexpensive alkali reacts with the encrusting and undigestible lignin contained in the straw, releasing the plant cellulose as an energy source for the microorganisms of the rumen

After the initial reaction acid is added to neutralize the treated straw prior to animal feeding

A ration containing over 80 per cent treated straw, the remainder consisting of molasses and protein supplements, was full-fed to early weaned lambs and weight gain compared to animals fed a ration based on dehydrated alfalfa Lambs fed the alfalfa ration gained 0 4 pound per day which was according to National Research Council standards The lambs fed the straw rations gained less, averaging 0 3 pound per day but still achieving what would be regarded as satisfactory performance considering the type of ration used

There were only slight differences in feed consumption between the two groups, with an average daily consumption of 3 6 pounds of straw and 3 8 pounds of alfalfa ration

The McGill workers conclude that continuing improvements in the straw treatment procedure should help in utilizing this largely untapped feed supply for production rations

8% Newsprint Feed, Anyone?

Ground newsprint and molasses as an inexpensive replacement for eight per cent of the ground timothy hay in a wintering ration for steers did not materially reduce weight gains in studies reported by a USDA animal nutritionist

Dr David A Dinius of USDA s Agricultural Research Service said that replacing 16 and 24 per cent of the hay with newsprint and molasses, however, produced progressively smaller weight gains.

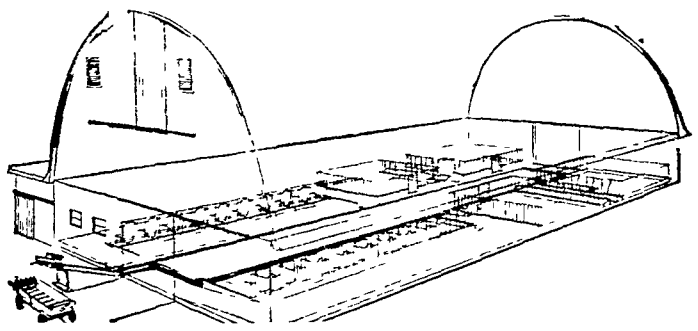
All diets contained protein and mineral supplements and were fed as complete feeds to groups of 12 steers each for 14 weeks at Beltsville, Md The basic diet contained nine per cent molasses, and an additional five per cent molasses was added for each eight per cent newsprint

Average daily gains were 1 92 pounds for the all-hay ration 1 80 pounds with eight per cent newsprint 1 19 pounds with 16 per cent newsprint, and 0 56 pound with 24 per cent newsprint Dr Dinius said

He found that substituting ground newsprint for hay did not affect ruminal volatile fatty acid concentrations and did not alter the population of rumen protozoa the most sensitive of the rumen microflora

The studies are part of an ARS research effort to reduce the cost of beef production well as to improve the environment by finding new uses for through use of inexpensive feeds and feed substitutes as waste materials

Farmway BUILT FOR BIG BARNS



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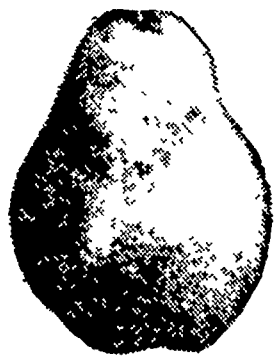

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But Muscle Quality Drops Off in Some Herds

Pork—More Meat, Fewer Calories

With swine testing and better selection techniques, producers have greatly modernized the pork they offer consumers.

Today's hog has less backfat and a higher percentage of lean cuts than yesterday's In fact, today's hogs yield just half the lard of those 20 years ago, and Eugene Allen, University of Minnesota meat specialist, says a 3½-ounce pork shop now has only 240 calories, compared with 377 two decades ago.

With such vast improvement in the quality of lean meat on a hog carcass, you might think pork would automatically taste better But too frequently, this isn't the case

V R Cahill, meat specialist at Ohio State University, says the genetic relationship between meatiness and quality appears to be slightly unfavorable. What's needed, he says, is selection that will emphasize flavor of pork, as well as the lean-to fat ratio

"Muscle quality slips in our certification programs because so much emphasis is placed upon meaty carcasses," Cahill explains

This report on improved pork quality and some factors determining quality appeared in a recent edition of The Farrow, a John Deere publication

He tells of one farmer who joined the Ohio Pork Improvement Association in 1966 and increased lean pork quantity but decreased quality

His herd went from 55 96 per cent lean cuts to 58 33 Average loin-eye area increased from 4 04 to 4 42 But color ratings dropped from 2 58 to 1 88, on a scale on which 3 means dark, 2, normal, 1 pale

On similar three-point scales, firmness dropped from 2 75 to 2 17 and marbling dropped from 2 58 to 2 30 Such alarming breakdowns in pork-muscle quality have been noted in a few other meaty herds

Stress

Some scientists studying the problem are looking for possible connections between stress and poor-tasting pork.

Iowa State University's veterinary clinic, among others, has noted an increase in unexpected deaths of market-sized hogs David G Topel says animals that die from this stress syndrome have the same pale, soft, exudative (watery) meat that means trouble in muscle quality tests like the one in Ohio

P S E pork, as the problem meat is called loses a larger than normal amount of meat fluids and juices before and during cooking.

Overall, P S E pork affects the entire industry One U S packer says it gets 17 to 20 per cent P S E pork carcasses it figures its loss from extra shrink alone at $2 million a year.

Work It Out

The silver lining in the pork quality cloud is that we can work it out with selection and breeding

The experts say there are many hogs with both quantity and quality of muscle, all we have to do is identify these through slaughter tests during certification, and keep only good-quality hogs for breeding

In the meantime, there are a few practices pork producers should watch, such as limited feeding Restricted feeding over the entire feeding period or a few weeks before slaughter may decrease pork-muscle quality, according to Richard Epley meats specialist as the University of Missouri

Pig Fights

Other research shows that even environment can affect pork muscle quality Fighting in pens, especially in hot conditions, increases the chances for P S E. pork

Stress effects are complicated, however, and they are among the many factors still being studied

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FARM WOMEN SOCIETIES

Society 24

Mrs Roy Hollinger was elected president of the Society of Farm Women 24 for the coming year during a recent meeting of the group held in the home of Mrs Leo Snader outgoing president

Other officers include Mrs Glenn Shultz, vice president; Mrs Joseph Greiner, secretary, and Mrs George Ebersole, treasurer

In other business, members approved a $10 donation for items for ditty bags for servicemen and women The project is being held in cooperation with the American Red Cross Program

Plans were announced for a rummage sale Oct 6 from 8 a m to 6 p m, at the Bareville Fire Hall

Following the business session, Mrs Roy Hartmann, Intercourse, demonstrated the making and arranging of Flemish flowers in a work-shop-type program

Members of the group will visit Embreeville State Hospital Sept 18 where they will serve refreshments and play games with the guests This visit will take place of the regular monthly meeting

Don't Bury Trees

You may be killing your prized shade tree by burying it alive. Valuable trees are in danger of dying because excessive soil is piled around their bases or because they have been planted too deeply

These practices occur most frequently where new homes are built When the lots are graded, tree roots are often buried under the fill and the health of the tree declines The supply of water and air is restricted by this soil covering and the tree becomes susceptible to disease and insects It is also likely to suffer die-back.

New home owners often notice that their trees are dying from this condition in a period as short as six months or as long as two years

The property owner can tell if a tree is buried by examining the base of the trunk The trunk should flare, or spread out, as it enters the soil If it doesn't, the tree is buried

The following remedial steps which can also be employed as a preventive measure when grading should take place

1 Scrape away the excess fill.

2 Place tile pipe around the tree to allow air, water and food to reach the roots

3 Then spread stone or coarse gravel and cover this with a layer of salt hay or a similar substance.

4 Finally add top soil to bring up the grade level

Engineering Manager Named

Edward A Magalski, 153 W. Main St, New Holland, has been named engineering manager for Victor F Weaver, Inc

During his career he has been responsible for the design and installation of new machinery to eliminate labor and production waste He directed a 4 million dollar plant improvement program for the R T French Co, Rochester, N Y and also initiated numerous project studies pertaining to packaging and processing equipment as well as building requirement studies

Before coming to Weaver Magalski was employed by William Underwood Co Watertown, Mass where he served as chief of the engineering section

In his new position as engineering manager, he will be responsible for directing the design, construction installation, and maintenance of all processing systems equipment facilities and buildings of Victor F. Weaver, Inc and its subsidiaries.

Purina Dairy Conditioner Special can prepare cows for good production at low cost

If you're not among the many good local dairymen who have started mixing Purina Dairy Conditioner Special with your own grain to build a research-proved dry cow ration, it can pay you to check into this low-cost way of feeding dry cows.

Purina Dairy Conditioner is a 16 percent protein ration, fortified with extra Vitamins A and D plus phosphorus to help guard against milk fever.

To help you save on dry cow feeding, Purina Research recommends varying feeding levels, depending on cow condition and the quality of your roughages For example, if a cow is in good condition and your roughages are of excellent quality, you would feed less Purina dry cow ration than if the cow were in only fair condition and if the roughages were of only fair quality.

Using Purina Check-R-Mix* formulas we can build you a low-cost dry cow ration, combining Purina Dairy Conditioner with your grain Or, if you're feeding low-protein roughages, it may pay you to feed Dairy Conditioner "straight" — just as it comes from the bag.

More and more successful area dairymen are proving that good dry cow feeding pays off in extra cow condition — and extra milk production in the next lactation For example, 100 to 200 pounds of additional body weight at freshening can pay off in 1 000 to 2 000 pounds of extra milk during the lactation.

Drop in soon and get your free copy of the Purina Dry Cow Program folder. We'll be glad to point out how Purina Dairy Conditioner Special can help prepare your dry cows for good production at low cost

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PURINA CHOWS ®

On Overcoming the Blight

(Continued from Page 4)

and feed costs but no serious damage to the agricultural community.

What concerns individual farmers, of course, is that their personal losses may be far greater than the average, or that they will be stuck for more than the average share of increased feed costs.

There is also some concern that the national loss will exceed 5 to 10 per cent. This would make the overall situation much more serious.

The Future

Looking ahead, the major concern is how serious the blight will be next year and the year after.

How well will the blight winter over? Reports indicate the blight will winter over, but to what extent? Will the blight get an earlier start next year and do more damage? Perhaps this will depend in part of what type growing season occurs.

In this respect, farmers should perhaps strongly consider the advice of Arnold Lueck, associate county agent Lueck states the blight has been most severe in fields where the corn crop has been under stress, either from not having enough or too much of various types of nutrients, where the crop has been weakened by rootworm, where the plant population has been too high, where a heavy stand of weeds has been allowed to compete with the corn

Review Management

If Lueck's analysis is valid, it would indicate that farmers next year should carefully review their management practices before planting time to give the corn crop the best possible growing conditions. The corn rows shouldn't be too close, the plantings shouldn't be too frequent within the row, the soil should be tested in advance and the proper ratio of nutrients applied, proper precautions should be taken against such pests as rootworm where they have been found to exist this year, proper weed control should be used. In short, the farmer should be extra careful to use the kind of practices which he should already be using anyway.

Seed Corn Firms

Also for the future, all eyes will be turning to the seed corn firms.

Can the firms supply enough resistant seed corn to avert a crisis? Reports on this so far are contradictory, with some sources citing huge seed corn crop losses to the blight and others citing such factors as foreign seed corn production as a salvation.

Farmers should be able to count on an all-out effort by both government and private firms to develop resistant seed very rapidly. Various sources indicate it will take from one to three years to develop adequate supplies of resistant seed. But perhaps by next year, farmers can already expect a significant trend toward elimination of the most susceptible varieties.

The speed with which the job is accomplished may ultimately determine how serious the blight situation is for the farmer and the nation.

Finally

With so many unknown factors and so much depending on what happens in the future, it is impossible to say how serious the blight really is.

The farmer shouldn't lull himself into not being prepared for the consequences of the blight, but as the same time there are many bright signs. Like many another disaster which has befallen the farm community in the past, it may soon be found that this too shall pass.

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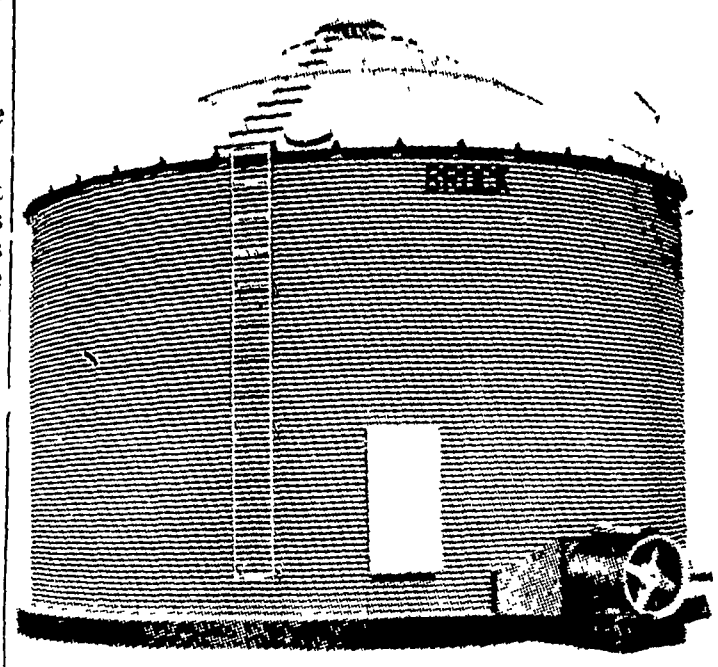

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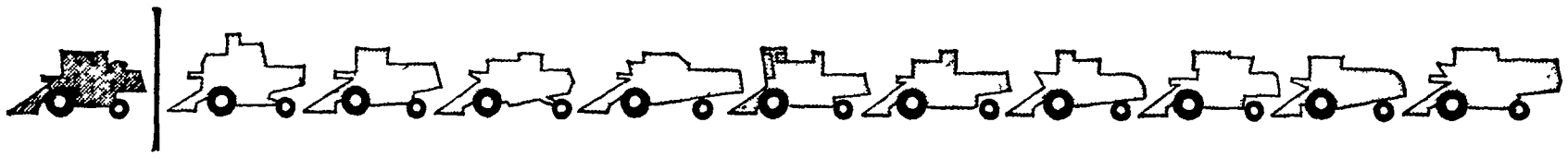

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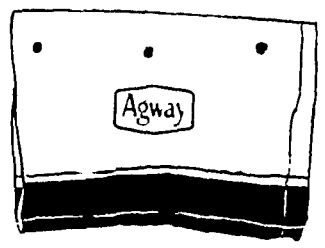

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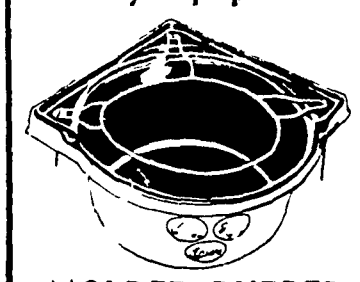

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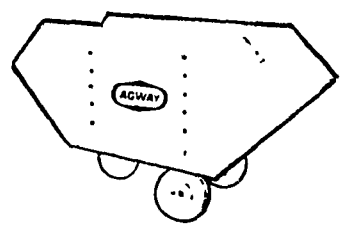

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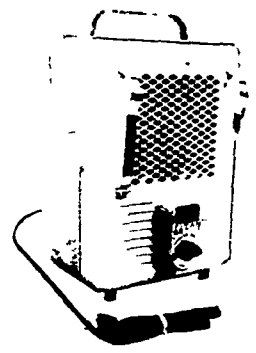

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Mathis Is Economist For Eastern Milk Co-op

John C York, General Manager of Eastern Milk Producers Cooperative Association Inc , announced the appointment of Joseph C Mathis Jr to fill the position of Economist for the Association

Mathis succeeds Dr Harry P. Young, effective August 3 1970 Dr Young will serve in the capacity of Economics Consultant for an indefinite period

Mathis a native of Rome New York, was graduated from Rome Free Academy in 1954 Upon graduation from high school he entered Cornell University He graduated from that institution in June 1958 with a bachelor of science degree in dairy science

Mathis also has completed the course work requirements for the degree of master of science in agricultural economics at Cornell. His major field of study was dairy marketing and economics with a minor in accounting at the Graduate School of Business and Public Administration at Cornell.

In October 1960, Mathis joined the staff of the Market Administrator of the Connecticut Federal Milk Marketing Order as Agricultural Economist and Head of the Statistical Department.

He joined the staff of the New Jersey office of Milk Industry (now the Division of Dairy Industry in the New Jersey Department of Agriculture), as an Agricultural Economist in March of 1968.

On December 2, 1968, Secretary Alampi appointed Mr Mathis as Acting Director of the Division of Dairy Industry of the New Jersey Department of Agriculture He served in that capacity until accepting his new position with Eastern

MSU Study Finds Lambs Like Silage Cut Fine

Sheep love finely cut corn silage, a former Michigan State University animal scientist said recently at Penn State "They eat more of it and get more energy from it"

According to Mitchell R. Geasler, "Lambs fed fine chop silage had a higher voluntary feed intake than lambs fed medium chopped silage"

The experiments also showed that lambs eating finely cut silage had greatly increased quantities of volatile fatty acids in the rumen at the end of the digestive process (Volatile fatty acids are the end product of ruminant digestion and provide energy for the life processes of these animals)

In his MSU experiments Geasler used fistulated lambs—lambs with plastic windows surgically inserted inthen stomachs — so that the entire digestive process could be observed during the corn silage feeding trial He studied the effects of silage maturity and fineness of chop.

Corn silage for the research project was harvested in mid-September and mid-October At each harvest two silos were filled, one with fine chop silage and one with medium chop silage.

Experimental results showed that stage of corn maturity at harvest had no effect on volatile fatty acids or voluntary feed intake.

Southern Blight Spreads in County

(Continued from Page 1)

quently suffer losses of 5 to 10 per cent from various causes and never even know it

What should farmers do about the blight"

They should be studing it and learning all they can about it 'Farmers should know what it is This might help some farmers get it in the silo ahead of the damaging stage," Irwin said

In order to reduce the danger of mold and the formation of poisonous gases in the silo, farmers should use a silage preservative such as sodium metabisulfite or kylage, Smith said Both can be added at the blower and are recommended

It's always good to chop silage fine (one-fourth inch cut), fill the silo as rapidly as possible, use distributor and seal out the air if the silage is not to be used immediately, Smith reminded

The official word from Penn State so far is that blighted corn makes an acceptable silage, but some local corn from the Henry Hostetter farm, Washington Boro RD1, was taken to University Park this week for further study

Penn State plant pathologists are warning, however, that plants dying of blight may contain excesive amounts of nitrates and nitrites, basic materials of silo gas So farmers are warned to be extra careful A blower to draw the deadly gases out should be run at least 10 minutes before entering the silo

Fortunately, many farmers already are filling their silos and many more plan to start next week, officials indicated. Lueck noted that about 80 per cent of the county crop will become mature within two weeks

Meanwhile, Yellow Leaf Blight, which was a problem for some farmers last year and which some growers feared would be a worse problem this year also has been found in some fields, but isn't considered much of a problem It shows there's room for hope

WASHINGTON REPORT

Congressman Edwin D. Eshleman

16th District—Pennsylvania

Earlier this year I wrote an article for the magazine AMERICA on the topic of congressional reform The title of that article was "Reforming Itself — The Issue Congress Won't Face," for at the time of publication it appeared that another term of the House of Representatives would go by without any effort toward legislative reorganization

But to the amazement of many of us who have long called for fundamental changes in the rules and procedures of the House, reform did get a hearing in 1970.

Modernization of the legislative branch has been necessary for a long time A noticeable decline in congressional power has been the result of 24 years of unwillingness to revise and update the legislative machinery of the House

Since the Congress is the branch of government closest to the people, it is ultimately the people who partially lost their voice because of the complete stand-pat attitude on Capitol Hill

Failure to reform for more than 20 years brought about many undesirable features in the legislative process Voting secrecy on the floor of the House and in House committees has been practiced in an era of demands for more open government Authoritarian leadership procedures have characterized some House committees so that minority staffs have been either non-existent or very limited Antiquated rules have governed the conduct of House business during a time when great social changes have altered the face of America

Even some small things have been wrong like charging tourists 25 cents apiece to be guided through their Capitol when all other major public buildings in Washington are open free of charge

The Legislative Reorganization Act brought up for debate during the past several weeks was meant to deal with some of the congressional problems The bill as originally proposed was fairly weak and certainly inadequate

It included some desirable aspects—opening more committee meetings to the public, more severely limiting proxy voting in committees providing free Capitol tours, requiring pages to be of college age and changing some of the House rules which needed updating—but the legislation as reported from committee did not go far enough down the reform road

A series of amendments were needed to bring about some of the basic reforms so badly needed These included the attempts to increase minority staffing on committees abolish the teller vote (the tally on the House floor where the Congressman's vote is not recorded) get public disclosure of record votes in committee, and create a permanent committee to study and recommend changes in congressional operations

The movement toward real legislative reform was highlighted by its bi-partisan nature. The dedicated efforts of Representatives of both political parties were needed to even get the reorganization bill to the floor.

This recognition of a real need and then the pressure applied to correct it by some Democrats and some Republicans is a hopeful sign that the legislative function can be restored to its rightful place as a co equal partner in government

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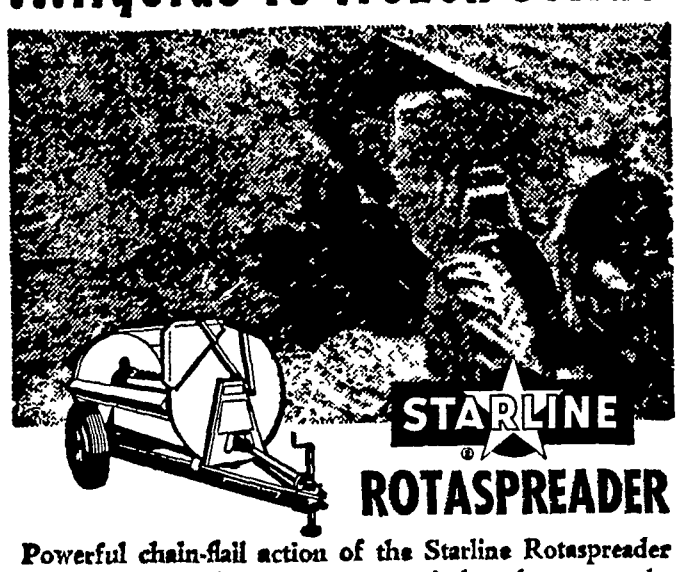

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What's New?

Egg Market By Phone

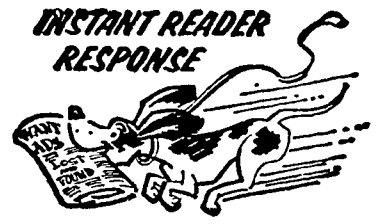
Daily egg market information is now available via an automatic telephone answering system from the Federal State Market News Service in Newark, N J., the USDA's Consumer and Marketing Service announced recently. The number to call is (area code 201) 645 3369.

The latest New York wholesale egg report, along with major sales of cartoned eggs moving through volume buyers, will be reported each noon, plus a brief description of market conditions.

Daily up-to-the-minute information from Chicago will also be available at 4 p.m. as will the latest statistical information on slaughter, egg inventory, movement of eggs into retail channels and other market information as it becomes available.

Weekly frozen and dried egg information will be reported on Friday only.

The newly installed automatic telephone answering system operates seven days a week, 24 hours a day.



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CLEARANCE SALE
MOWERS
At Extra Discount
LAWN-BOY — HAHN ECLIPSE

CALL Titus Burkholder

1 used 300 gal. creamery package
1 used 300 gal. Esco bulk milk tank M.C.D. 1 N.Y.
3 used 12 can top opener milk coolers
1 used 6 can top opener milk cooler
1 used 2 h.p. Lehigh compressor
2 used hold over cooling plates for egg cooler
Milk Keeper Bulk Tanks
12 & 7 can Star Milk Coolers
Lehigh Refrigeration Compressors
Klenzade Automatic Bulk Tank Washers
NOTICE — We have been appointed stocking warehouse for Milk Keeper Bulk Tanks.

CALL Leroy Zook

LANCASTER SILOS
ACORN BARN EQUIPMENT
WEAVERLINE CARTS

CALL Chas. Eshleman

September Special
Tractor Batteries
20% off list price.
Ortho Dairy and Horse Fly Spray
Reg. Price — Special this Month only
Just Arrived — $2.35 Gal.
Aluminum Gates 10-12-14-16 Foot

SPECIAL
POLYETHYLENE FILM
Covers 32 x 100 — 6 Mill
35¢ foot

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For Sales — Service — Parts

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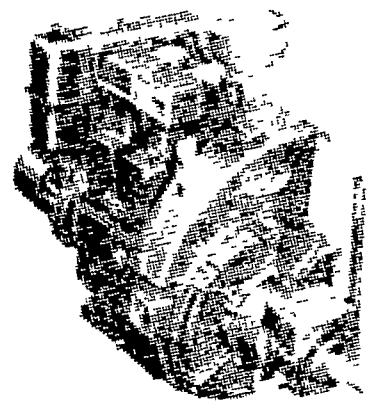
Area Distributor for Lister Diesel Engines



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McCurry Grain Bodies
826 & 1026 Diesel Tractors
544 Farmall Diesel Tractor
990 Mower Conditioners

USED EQUIPMENT
F H. 84 Gehl Single Row Forage Harvester A-1 Condition — Special At $1275.
2 — M.H. 2 Row Corn Picker
Farmall Tractor — Super M
W6 — Tractor
300 Tractor with 3 Bottom Plow
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Help Wanted

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YEAR END CLEARANCE

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Prices good through September 30, 1970.

JD 1020 RU Diesel - List $5.000 00, now $3,895.00; JD 2520 gas - List $6,647 00, now $4,995.00; JD 216 forage wagon, - List $2,352 00, now $1,795.00, sold; JD FBI77B grain drill, - List $1,690 00, now $1,295 00; JD F325 3-16 power reset plow, - List $1,125 00, now $950 00; JD 307 6 foot 3 point gyramor, - List $587 00, now $425.00; JD =10 side mounted mower, - List $654 00, now $450 00, JD =50 side mounted mower, - List $721 00, now $525.00, JD =3 hay fluffer, - List $325 00, now $260 00; JD F125 3-16" plow, - List $703 00, now $595.00.

Brady B144 4-row flail shredder, - List $1,575 00, now $1,295 00; Lely Gemini Tedder, - List $783 00, now $650 00; Parker 320 bushel gravity box, - List $595.00, now $495.00; McCurdy 700A gravity box, - List $325 00, now $275.00; Demonstrator Dahlman 2-row pototo harvester, - List $13,750.00, now $8,295.00.

Only one of each of the above available —

First Come, First Served.

Used Tractors — Ready to go JD 520; JD 720 Diesel; JD 4010 Diesel, JD 3020 power shift; JD 4020 Diesel; JD 4020 Diesel power shift.

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John Deere & Brady | Dahlman Potato Harvesters | Brillion & Lely

Farm Equipment

BARN EQUIPMENT — Barn cleaner, comfort stalls, stanchions, silo unloaders, bunk feeders, free stalls, windows Immediate shipment Standard Equipment, Inc., Dept. 5-L, Bel Air, Maryland 21014

AC D17 tractor
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6, 7, 8 foot blades
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For Sale—Bred sows and gilts Call before 8 A.M. 215-932-8921.

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Southern Lancaster County, 125 acres, 4 bedroom brick, 1½ baths, daylight basement, oil hot water baseboard heat ranch house 43 stanchions, barn cleaner, silo, 500 gal milk tank, heifer barn and corn barn Will help finance Phone 717-548-2702

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We will be glad to look at your hogs & bid you.
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2 dual-wheel trailers with hydraulic dump, 750x16 8-ply tires. Dump beds are 8x12 with 4 ft sides Can be used for silo filling or many other uses around the farm. Hoist can be used with most any modern tractor.
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Case 430, 830, 930, 1030
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Two Row head for IH and Case Harvester
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Tractors from 50 95 h.p.
International & Oliver 1 row pickers
New Idea 2 row trailer picker, narrow row, AC motors with reductions
For the Amish — Fox choppers with long feed tables or new recutter blowers
Also trailer load of gravity boxes and wagon chassis.
At least compare prices before you buy.
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Good Quality—Good Prices
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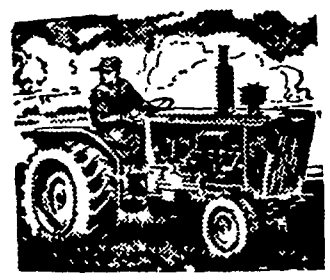

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717-866-2138

SPECIALS

New Gravity boxes ..... $210.
New 3 pt. 5 ft. rotary mowers
New 3 pt. 6 ft. rotary mowers

Harvester self unloading wagons and corn pickers

Corn Cribs Model 1600 - Complete ..... $345.
3 pt. hitch lift booms ..... $ 25.
New Post driver ..... $245.

Just Received! 50 Corn Pickers — Pull type and mounted.

Haybines, Windrowers and Crushers
Reduced 20% to 55%

All 20 combines reduced with corn heads

Flail Choppers
John Deere, New Holland, Brady, Lundell
Grinder Mixers
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SAVE $ $ $ $ $
Boat load of new tractors
Massey Ferguson, Ford, IH, David Brown

Large selection of used parts for late model tractors and machines.

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THOUSANDS:

Dismantling Cat. D-2 thru D-8; AC HD-5 thru 21; TD-6 thru 24; Olives Model E thru OC12. Generators, steering clutches, transmissions, final drives, chains, rollers, winches. New & used undercarriages for all makes: EXAMPLES:

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30 links . . $157.90
S. F. Roller (old style) 41.90
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(All prices F O B Factory)

Engines & Power Units Crawler D-2, 4, 6, 7, 8; TD14 Loader HD5 on Rubber Backhoe & Loader INT 240, Oliver, White. GOOD USED TRACKS AND ROLLERS TRACK PRESS WORK — If Not Listed, Ask For It! WANTED; Used equip., parts, engines, etc.

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Phone: (215) 678-1941/4092 or 944-7171.

Check these new machinery specials
New TD Wisconsin engines—$500 Electric start
New VH 4D Wisconsin engines—$700 Electric start
New wheel disc harrows, 8 or 9 ft.—$595
New Case 2 row chopper—$2500.
J & M Gravity Boxes, delivered—$225.
New Brillion 7 ft. drag disc—$395

Discounts as high as 30% on new windrowers.

See us for your big tractor needs for fall harvesting. You can rent or rent with option to buy.

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20% Down, No Finance Charge til May 1, 1971
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Feed Lot Planning

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Mt. Joy R2
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John Deere =4020 Tractor

241 Hours, Power Steering, Power Brakes, Power Shift. $7500.

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BEEF — DAIRY — HOGS

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Ephrata, Pa. 17522
(Farmersville)

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Bus. 717-354-4275

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Fickes Silos and Badger Feeding Epuipment.
Speedy Corn Cribs
GRUMELLI FARM SERVICE
Quarryville Ph. 786-3630

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Quakertown, Pa.
Ph. 215-536-3155

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LAYERS

Greider Leghorn Farms, Inc.

Phone 653-1853
MOUNT JOY R. 1, PA.

ATTENTION

We have heavy breed layer contracts available. Excellent income opportunity. 2,000 to 6,000 size flocks available. No capital required, we pay all supplies. Call or write.

Indian River Poultry Farms

2501 Oregon Pike, Lancaster, Pa.
Phone 569-0456

Introducing . . . THE B-305

Q: Is the B-305 bred for disease resistance?

A: It has been bred for resistance to Marek's primarily. We cannot promise, however, that the B-305 will answer all your Marek's problems. You will still lose B-305's from Marek's, but our research shows that you will lose fewer birds.

Babcock Hatchery, Inc.

Box 285, Lititz, Pa.
Phone 626-8561

BABCOCK HEALTHY Chicks

Where in the World is Babcock? . . .
Wherever eggs are produced at a profit!

Farm Equipment

For Sale — 1969 Chev pickup truck, 8,000 original miles, mint condition. Phone evenings 215-388-7495.

Farm Equipment

Winpower-Tractor Driven Alternators Demonstrated, Installed & Serviced by ELECTROMEC—Ephrata, Pa. Rt. 222 717-733-7911.

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ATTENTION

If you have a building suitable for washing chicken coops, no poultry on premises, and could use a side income of $1200 to $1600 annually. Call

Indian River Poultry Farms

Lancaster, Pa. **569 0456**
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HAVING EXCESSIVE LEUKOSIS MORTALITY?

TRY ANTHONY WHITE LEGHORNS

YOU'LL BE PLEASED
WITH THEIR PERFORMANCE

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KimberCHIKS
Day old and started pullets

- **J. J. WARREN SEX-SAL DAY OLD AND STARTED PULLETS LEUKOSIS RESISTANT—GIVE THEM A TRY!**
- **WHITE MOUNTAIN CROSS BROILER CHICKS BROILER CHICKS WITH TOP PERFORMANCE**

Raising Baby Chicks and Started Pullets on Your Farm Where Leukosis is a Problem?

We Recommend You Order

MUSSER'S M-327 CHICKS

Started and Matured Pullets and Yearling Hens and Breeding Cockerel

WHY? Because our breeding and our resistance program on our farm has given us three distinct controls over coccidiosis and leukosis.

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MUSSER LEGHORN FARMS

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1916 — 54 Years — 1970

JUST FOR THE RECORD!!

JAY H. ROHRER

Manheim R.D. 2

FED OUT 19 HEREFORDS LATE LAST SPRING ON THE GREEN PASTURES PROGRAM USING NO. 604* STEER CONCENTRATE. (Plus Ear Corn and Corn Silage)

HERE IS THE RECORD

Purchased — April 20, 1970
Average Weight — 972 lbs.

Sold — July 27, 1970
Average Weight — 1303 lbs.

On Feed — 99 Days
Average Gain — 331 lbs.

JAY WITH HIS PRESENT LOT OF STEERS

AVERAGE GAIN PER STEER PER DAY 3.34 lbs.

CONGRATULATIONS... An Excellent Record Jay

GREEN PASTURES No. 604* STEER CONCENTRATE

(In Free Flowing Granular Form)

WILL GIVE YOU...

- Faster Gains
- Better Feed Efficiency
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Contact any Miller & Bushong Service Representative or Call Us Direct at Lancaster 392-2145.

MILLER & BUSHONG, Inc.

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"FINEST SERVICE ANYWHERE"

GREEN PASTURES LIVE STOCK FEEDS

*Contains Stilbosol, Diethylstilbestrol . . . a product of Elanco Products Co.

Mrs. Henkel Sees European Horses This Summer

It's Hogs and Horses for Henkels

By Mrs. Charles McSparran
Farm Feature Writer

Mrs Carol Henkel, wife of John H Henkel, Strasburg RD1, whom we salute as a leader in pork promotion this month, was a small town girl with a desire to be a veterinarian

She was one of four girls who were the first girls to graduate in the men's College of Animal Science at Rutgers University, New Brunswick, N J That is where she met her husband who was taking Animal Husbandry there at the same time

Mr and Mrs Henkel moved to their present farm 10 years ago They built a new home on it and moved into it this year They grow a few acres of corn and some hay on the farm They grind their alfalfa for the hogs Besides the hogs they keep five horses, mostly large ponies

Mrs Henkel rides quite a bit and has two horses that are three fourths Arabian which she is training She has three students she is instructing now in the Lanchester Pony Club, in D level, on the John Gibson farm in Drumore Township

Carol taught riding for eight weeks this summer at Camp Oak Hill Nottingham, where she had as many as 50 children students between the ages of nine and 16 years

She is assistant 4H leader of the Rough Riders 4H Club in the Quarryville area They have 10 members now but used to have double that number She was the leader for four years but didn't have time this year Mrs Karl Groff is leader and Shirley Craig assistant teen leader Candy Groff is president They participate in 4H County roundup

Mrs Henkel also belongs to Valley Lea Riding Club in Drumore Township and they go to Lanchester Pony Club one day and three day rallies

Three Daughters

The Henkels have three daughters Nancy, the oldest is 15 She was the first girl enrolled in the Lampeter-Strasburg FFA Chapter which was opened to girls last year She received the Star Green Hand award last spring She was in basketball last year and hockey this year and attended hockey camp in August Nancy loves horses and has a Quarter horse "Naritime" which she uses as a hunter She goes hunting around Fair Hill, Md Her mother takes her to shows over weekends

She belongs to the Lanchester Pony Club which is for ages eight to 21 They have regional rallies with about nine teams In these three day rallies the horse must be at least five years old Nancy is on C 2 team Her team placed first at the regional rally She hopes to go for B test next year In this test they have cross country, stadium jumping, do dressage, have stable management, also have a written examination

She is also in the Rough Riders 4-H Club and participates in the 4 H roundup She is now eligible for District

Kathy attends Lampeter-Strasburg High School and is interested in sewing and cooking She plays a french horn in the high school band and attended band camp this summer which was held at Camp Echo Girl Scout Camp in York County She takes dancing lessons She has been in the Lampeter-Strasburg Merrimaids 4H Club three years There are about 30 girls in this club She helps her mother with cooking and baking.

Jody, 10, is in fifth grade at Hans Herr Elementary School She plays clarinet in the school band and attended band camp this summer She also takes dancing lessons.

Mrs Henkel does part-time waitress work at a large local restaurant several evenings a week She used to help and still

(Continued on Page 22)

Governor Raymond Shafer (seated center) signs the proclamation recently in Harrisburg naming September Pork Month.

Seated with the governor are Herbert Schick (left), secretary-treasurer of the Pennsylvania Pork Producers Council, and John H. Henkel, Pork Council president, who presented a ham to the governor.

Participating in the signing are, standing left to right: Donald Cunnion, director of the bureau of markets, Pennsylvania Department of Agriculture; Robert Kessler, Pennsylvania Meat Packers Association; John Ziegler, Animal Science Department, Penn State, and Craighton Knau, National Pork Producers Council, Des Moines, Iowa.

Gov. Makes Sept. Pork Month, Henkel Active in Promotion

Pennsylvania ranks nineteenth among the twenty-five other states of the National Pork Producers Council in pork production Large producers are centered in the corn belt

However, there are more consumers in Pennsylvania so our state is the first in the nation selected for pork promotion by the National Council and the National Livestock and Meat Board

To kick off this promotion, Gov Raymond Shafer issued a proclamation making September Pork Month The proclamation states

"The production of pork has provided an asset to agriculture in our Nation, and the Commonwealth of Pennsylvania ranks as one of our country's leading pork processing areas

"Although the Commonwealth is not a national leader in the raising of hogs, its growth is now coming alive as a major enterprise source on our State's farms

"The new pork of today, due to scientific breeding and feeding by the producer and close trimming by the meat processors, sets the pace for a wide selection of delectable dining and has an impressive nutritive value for the homemaker when planning family menus

"Therefore, as Governor of Pennsylvania, I am happy to designate the Month of September, 1970, as PORK MONTH in the Commonwealth, and suggest the special emphasis be accorded this delicious and nutritious product throughout the designated period"

The Pennsylvania Pork Producers Council, under the capable leadership of John H Henkel, Strasburg RD1, who is serving his second term as president, is cooperating in this promotion campaign by advertising on radio, newspapers and hopefully on TV tapes to bring it before 8,000,000 people in our state

The pork men are giving teaching kits to 3,000 home economics teachers in Pennsylvania and distributing pork promotion material to large chain

(Continued on Page 28)

Lancaster Farming
SECOND SECTION

Among the approximately 140 persons present at the Holstein gathering this week at the Frey farm were Robert Powell, director of the bureau of markets, Oklahoma Dept. of Agriculture and president of the National Association of Marketing Officials, J. Mowery Frey Jr, host at his Fultonway Farm, Miss Marilyn B. Krantz, Lancaster County Dairy Princess, Elvin Hess Jr, vice president of the Pennsylvania Holstein Association and chairman of the steak cookout, and Donald Cunnion, director of the bureau of markets, Pa. Dept of Agriculture The cow is Alnat Ivanhoe Ginger, which recently classified Excellent 93 and last year as a six-year-old produced 25,846 pounds of milk and 984 pounds of butterfat

Holstein Group Hosts U. S. Market Officials

Lancaster County Holstein officials this week entertained the National Association of Marketing Officials.

Some 140 persons, including 76 marketing officials from 35 states including Hawaii, were treated to a steak dinner with lots of trimmings at the J Mowery Frey Jr farm at 401 Beaver Valley Pike, Lancaster

The Lancaster Holstein Breeders Association sponsored the dinner Earlier in the day the

(Continued on Page 27)

Price Up Slightly, a Victim of Inflation, Not a Cause, Meyer Says

Beef Costly? Compared With What?

If live cattle prices had gone up as much as wages since 1952, American housewives would be paying about $3.00 a pound for steak.

"Some people want to blame beef prices for the inflationary trend that has hit every area of the American economy," says Amos R Meyer, Department of Markets, University of Maryland.

Cattlemen in general Meyer goes on, feel it is time to "Tell it like it is" — to tell the consumer that the price of beef, like the price of a new car, is the by-product of inflation, not its cause.

When a cattleman hears someone say, "Beef prices sure are high," he might well respond, "Compared with what?"

Meyer points out that:

1. Live cattle prices are about the same as they were in 1951 — while the cost of operating a cattle ranch or farm has more than doubled during the same period.

2. Retail prices of beef are about the same as they were in 1951 — while the average take-home pay has increased about 150 per cent. Beef prices on the average have not increased more than 15 per cent at their highest peak in the last 19 years.

3. The American housewife spends only 16½ per cent of her disposable income for food — the lowest in the history of the United States. In Europe the housewife spends 30 per cent, while in Russia it is about 50 per cent.

4. Beef prices have gone up for the same reasons prices have increased in every other industry in the country — inflation and labor; but beef prices have not gone up as much as most other things you buy.

5. One hour of labor in 1970 will buy seven pounds of ground beef; in 1951, it bought slightly more than 4 pounds.

Meyer went on to explain that cattlemen and farmers must make a profit or they can not stay in business. The production of food and fiber is essential to every citizen.

It is unfair to blame cattlemen and farmers for high prices The cost of packaging, processing and retailing beef has skyrocketed because of inflation and these costs represent a major portion of retail beef prices.

Beef provides one the of highest forms of protein which every healthy person must have. Cattlemen offer no apology for their business. They pledge their best efforts to produce good wholesome beef in abundant supply — but they believe they are fair to expect a profit from their endeavor, Meyer continued.

Cattleman receive — and ask — no special favors. They believe strongly in free enterprise, receive no government aid, and constantly fight any form of government controls, other than those concerning health and quality standards. Cattlemen believe strongly they can supply the country with an abundant supply of top grade beef at a reasonable price in keeping with the times.

All they ask is understanding and that the blame for beef prices be placed on inflation and not the blame for inflation on the price of beef, Meyer concluded.

Lanchester Pony Club Elects Executive Body

Members of Lanchester Pony Club and their parents recently attended the annual meeting and picnic at Pony Club headquarters on the John Gibson farm near Drumore.

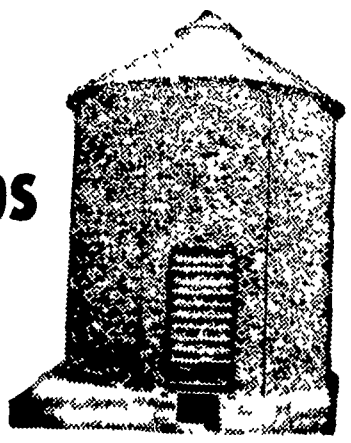
Elected to the executive committee for the coming year were Mr and Mrs. George Hassler, II, Quarryville; Mr. and Mrs Joseph Little, Quarryville; Mr and Mrs. John Waters, Refton, Mr. and Mrs George C Young, Atglen; Mr and Mrs. Frank Lane, Elkton, Md; Mr. and Mrs. Donald Wallace, Downington; Mr. and Mrs. Glenn Myer, Kirkwood; Mr. and Mrs. Wilbur Rankin, New Providence, Mr. and Mrs Francis Hill, Lincoln University; and Mr. and Mrs. Jere Bunting, Willow Street

Mrs. Hassler and Little are district commissioners for the Lanchester Pony Club. Waters is president of the executive committee, Rankin is vice president, Mrs. Waters, secretary, and Mrs. Young, treasurer.

Lanchester Pony Club members are currently attending training sessions to learn how to work with handicapped children at the Middletown, Del., center, under the direction of Miss Maudie Hunter-Warfel, founder of the National Foundation for Happy Horsemanship for the Handicapped, Inc

Plans are under way for the annual one-day event to be held at Pony Club Headquarters on October 31. Riders will be invited from pony clubs in Pennsylvania, Maryland, and Delaware.

Speedy Corn Cribs



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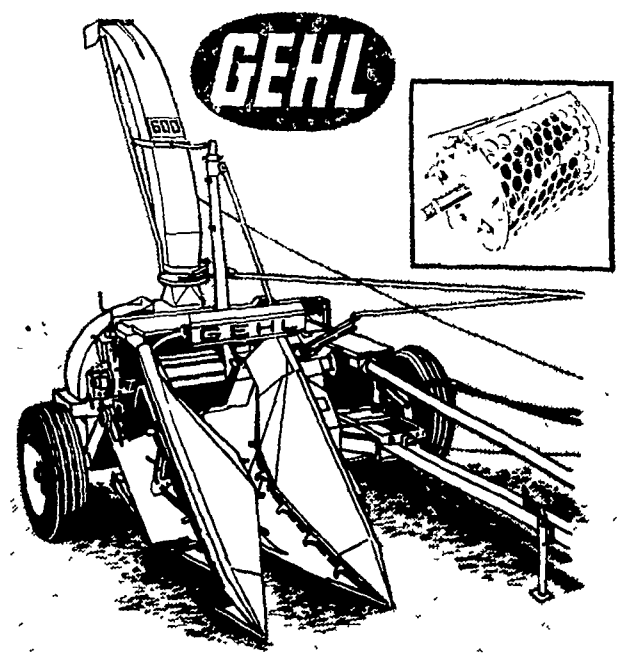

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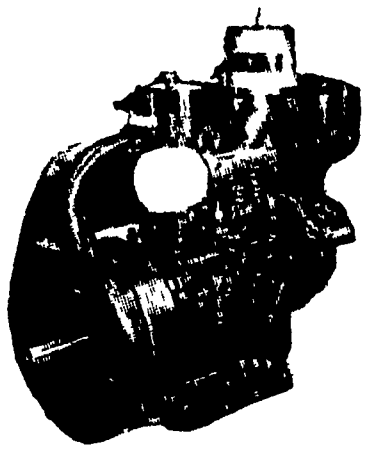

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Annual 4-H Show Draws 186 Horses

Nearly 40 riders received honors at the fourth annual 4-H Horse and Pony Club Show recently at the Lancaster Riding and Tennis Club

There were 186 horses entered. Winner of the saddle championship was Tommy Blank, riding Sea Rose, winning the western championship was Ernie Ridge, riding Jubilee, and in the hunter championship, Robin Imschweiler, riding Swing Quest, was the winner

Other divisions and winners, horse and rider, are

Lead line English — Labelle Beauty, Rebecca Shiles

Lead line Western — Bar Money's Lass, Ricky Buckwalter, Brownstown

Walk-trot English — Vodka; Julie Kamp

Walk-trot western—Susie, Ken Rowe

Stock Seat equitation—Deroscma's Sal; Mark Fenstermacher

Pole bending — Ernie Runge, Douglassville

Barrel race—Sandy's Dream, Peggy Young

Children's western pleasure—Mark Fenstermacher

Adult's western pleasure — Bechtel's Poco, Ken Bechtel, Halifax.

4-H western pleasure — Mark Fenstermacher.

Adult's reining—Ernie Runge.

English pleasure quarter horse type—Handy Fistful, Richard Persico

Children's Reining — Teddy; Lisa Wendel.

Scurry race - Tapioca Shirley Craig Nottingham

Keyhole race—Navajo Joker Ken Seifert, Douglassville

Bosal western pleasure—Scott Buckwalter

Children's trail—Miss Flame King, Steve Vaughn, Philadelphia

Adult's trail — Miss Flame King, Lori Brown

Break and out—Teka, Wende Eberisole

Hunter seat equitation over fences — Cobblestone, Miky Graybill

Arabian and half-Arabian pleasure — Mo Shane, Joyce Miller

Novice saddle seat equitation—Royal Gallant, Laurie Betz

Pony roadster, 46 inches and under — Kewpie Doll, Rock Rehm

Open English pleasure, saddle seat only—Tommy Blank

Working hunter pony over fences—Irish Mist, Debbie Graybill

Working hunter horse over fences—Robin Imschweiler

Open saddle seat equitation — Strawberry Sundae, Wylie Ann Baker

Pony pleasure driving—Ebony Queen, Sherry Lee Ochs

Open, three-gaited—Oak Hill's Anachaco Twigg; Ralph Bongart

Hunter seat equitation on the flat—Sterling Pride, Kim Imschweiler.

Morgan and half-morgan pleasure—Miss Durlady, Phyllis Ann Zuber, Millersville

Pony roadster over 46 inches —Postal Boy, Galen Sweigart

Road Hack—Tommy Blank

English pleasure pony—Rosie, Tracy Teichert

Juvenile three-gaited — Grand Genius, Sue Lieberman

Pony hunter hack — Toss A Coin Debbie Graybill

Adult lead line — William Persico

Open five-gaited — Chance Ate Jean Ramsey

Hunter hack horse — Kim Imschweiler

4-H English pleasure — Jayne C L, Chris Gilbert

Open Pairs — All a Flame, Becky Hanshaw, and Pocotinto's Pal, Debbie Hanshaw.

Family class—Ed, Lori and Steve Brown, first place.

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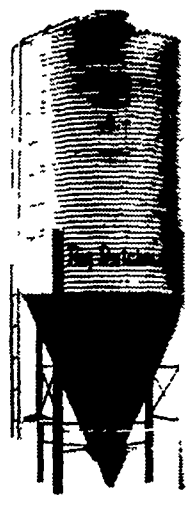

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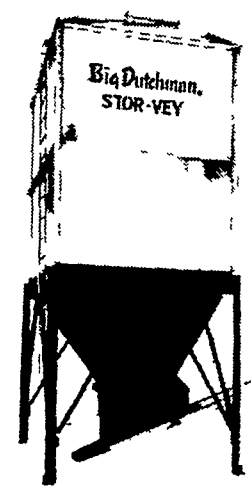

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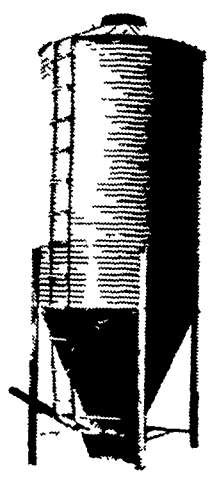

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ASC Committee Candidates Named

Candidates for Agricultural Stabilization and Conservation Community Committee posts in each of the 16 Communities in Lancaster County have been announced by Fred G Seldomridge, chairman of the County ASC Committee

Ballots have been mailed to all eligible farmers in the county to vote for three of six farmers they want to represent them on their Community Committee

Ballots must be postmarked or returned to the ASCS Office by Friday, September 11 The ballots will be counted by the County ASC Committee on Monday, September 14, starting at 9 30 a m

The nominee who gets the most votes will be Chairman of the Community Committee The one who gets the second most votes will be Vice Chairman and the third most votes the Regular Member Those getting the fourth and fifth most votes will be the first and second alternate Community Committeemen

The three elected as Community Committeemen will serve as delegates to the County Convention to elect one member and two alternates to the County ASC Committee and to choose the chairman and vice chairman The County Convention will be held Thursday, September 24 1970 at 8 p m in the Farm & Home Center.

Programs administered in the County are wheat, feed grain, cost sharing through the Agricultural Conservation Program, price support and farm storage facility loans for eligible commodities and the wool incentive payment program

Nominees for ASC Community posts are as follows

No 1, Conoy, West Donegal & Mt Joy Twp —Robert Brubaker, Victor F Dohner, James A Longenecker Samuel Snyder, Clyde Sumpman and Roger Thome

No 2 East Donegal & West Hempfield Twp — Lewis E Baxter, J Mark Bushong, Donald B Drage , C Robert Groeider, Harold W Nye and Shelley R Shellenberger

No 3, Rapho Twp — Jay N Newcomer John H Nissley, Harry C Rohrer Jay H Rohrer Earl Swarr and Clyde H Wolgemuth

No 4, Penn Warwick & Elizabeth Twp —H Richard Bomberger Jay R Foreman Roy H Garber Paul B Kline Forney F Longenecker and Herbert B Weidler

No 5 West Cocalico East Cocalico Brecknock & Clay Twp —Ray P Bollinger Abram W Eberly, John J Edwards, Richard W Fox, W D Stober and J. Ira Zartman.

No 6, Caernarvon, East Earl & Earl Twp —John E Campbell, Walter Clair Martin, John M Weaver, Larry R Weaver, J Mervin Weiler and Mark Yoder

No 7, Ephrata, West Earl & Upper Leacock Twp —Elvin W Groff, Jay M Groff, Larry High, John J Landis Robert E Martin and Norman K Resser

No 8, Salisbury & Leacock Twp —Chester R Eby, Donald S Eby, John I Eby, Amos D Hoover, Robert M Mast and Samuel M Wanner

No 9, East Lampeter, West Lampeter & Lancaster Twp —J Robert Brubaker, Sterling Elmer B Snavely Gaber, Harlan N Keener, Lester G Landis and Robert M Mylin

No 10 Manheim & East Hempfield Twp — Vernon H Charles Willis A Kilheffer, Melvin L Long, Daniel H Rohrer Jr Herbert N Royer and Jay E Wissler

No 11 Manor Conestoga and Pequea Twp — Glenn E Burkholder, Carl G Harnish John C Kindig, David H McMichael, Elmer S Sensenig and B Herbert Wiggins

No 12 Eden, Bart & Sadsbury Twp —Calvin D Keene, G Preston LeFevre, Kenneth R Murphy George H Reinhart, William A Wilson and Ivan R Yost

No 13, Strasburg & Paradise Twp —Ivan Bowman Jr , James W Bowman, C Nevin Hershey, Vincent D Hershey, Albert H Mellinger and Allen B Mellinger

No 14, Martic & Providence Twp —Eugene K Frey, Carroll B Herr, Vincent Hoover Charles A Ressler, E Benjamin Shank and J Fred Shenk

No 15, Drumore & East Drumore Twp —Wilmer P Bolton, Robert C Burkins, John T Byers, Paul M Herr, Samuel H. Brinton, Clifford W. Holloway, Kreider and Joseph E Sinclair, Jr., Gene Kilby, Ellis E. Sheetz, No. 16, Fulton, Little Britain John P Thompson and Norman & Colerain Twp — Loran W. E. Whiteside.

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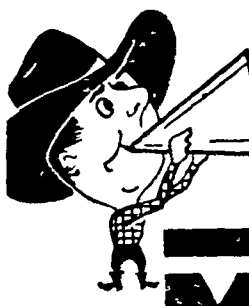

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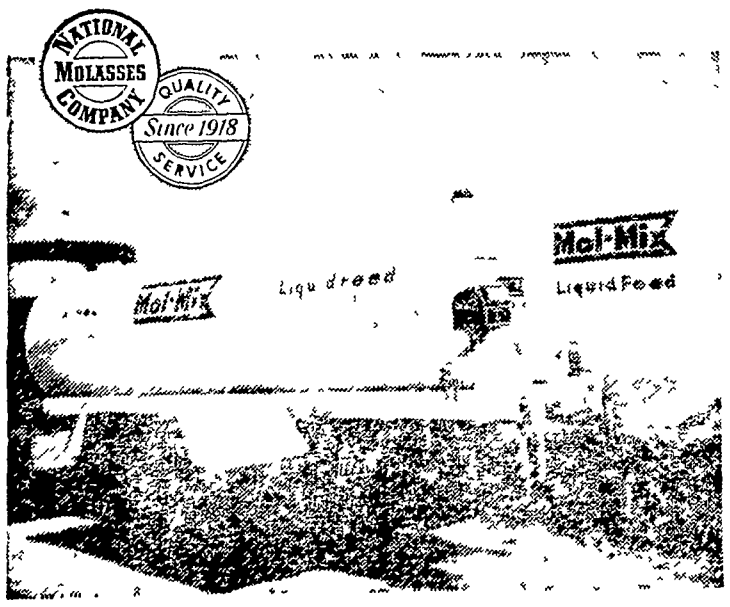

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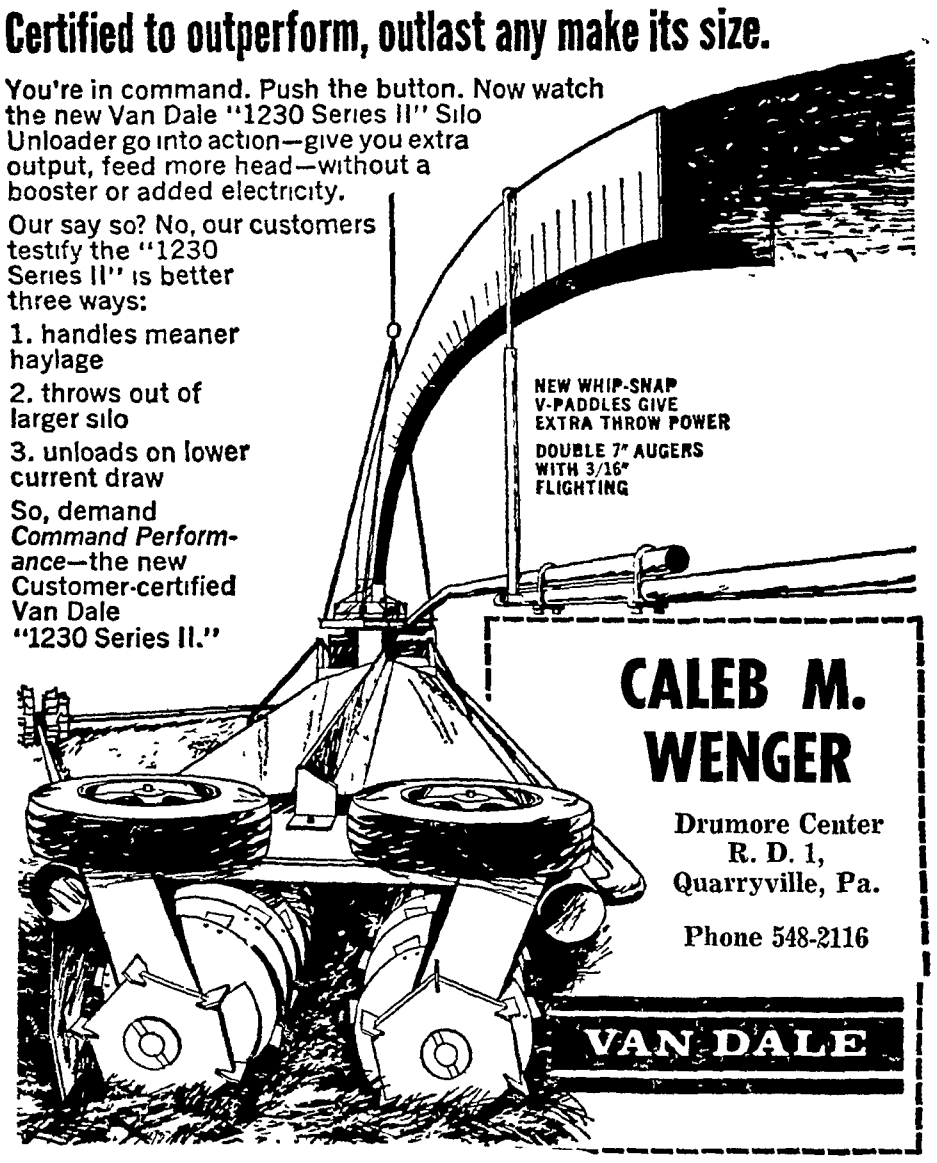

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VAN DALE

The Regional Star Farmer's Farm

Weaver stands this week with some of the 32 Holstein cows and 22 heifers on his Strasburg RD1 farm. Starting with three cows and some heifers in 1967, he hopes to have a 40 cow herd this fall. After that, he wants to cull and improve his herd through breeding. He uses ABC. "I think there's a good future in it," he says of dairying.

Weaver inspects his lush alfalfa stand.

Weaver has a good corn crop coming on this year. This stalk is not unusual in having two good ears, he says. To feed his dairy animals, he relies on alfalfa, corn, corn silage and sorghum which he grows.

Robert Lee Weaver, a 21-year-old Strasburg RD1 farmer, has been named FFA Regional Star American Farmer

It is one of the highest national FFA awards The award carries with it the right to compete with three other Regional Star Farmers in October for the Star Farmers of America award, which is recognized as the highest FFA award

The Star Farmer award is based on a combination of farm program and leadership in FFA activities

These photos were taken this week of the Weaver farm, a 115-acre farm just north of Strasburg which young Weaver rents from Earl Groff, in a tour with Weaver and Lampeter-Strasburg vo-ag teacher Galen Kopp

Besides the cows and crops shown, Weaver has in the past been growing about three acres of tobacco and keeping up to 30 market hogs.

In 1966, Weaver was Lancaster County Star Farmer This week, national FFA representatives were at the Weaver farm preparing a film of his farming operation to show at the National FFA Convention at Kansas City, Mo., October 13-16

Weaver, who hopes to own his own farm someday, is showing what a young man with energy and know-how can do in farming

Robert Lee Weaver

Regional Star Farmer

Pa. Officials to Assist At Waste Conference

State Agriculture Secretary Leland H Bull will serve as a panel moderator at a four-state conference Sept 14 to 17 to study the problems of agricultural waste in an urban environment

The conference, sponsored by the New Jersey Animal Waste Disposal Task Force, will be held at Atlantic City In addition to New Jersey, participating states are Pennsylvania, New York and Delaware

Secretary Bull will preside at the afternoon session Monday, Sept 14, and also serve on the same day as moderator of a panel to discuss a state's viewpoint on agricultural waste problems

John W Early, director of Agricultural Planning, Evaluation and Research in the Pennsylvania Agriculture Department, will be vice chairman of the morning session Sept 15 on agricultural waste funding

Glenn Herr, manager of Cloisterdale Farms, Inc., at Ephrata, and David G Unger, former executive director of the State Soil Conservation Commission, will also speak Sept 15 on research needs Unger now is assistant executive secretary of the National Association of Conservation Districts

Jack F Schinagl, head of agricultural communications at Pennsylvania State University, will be vice chairman at a session on communications and public relations Sept 15.

Reservations for conference attendance may be made through Richard D Chumney, New Jersey Department of Agriculture, P O Box 1888, Trenton, N J 08625

Tobacco usually ranks No 4 among U S farm export commodities, according to the U S. Department of Agriculture In the 1969 calendar year, U S tobacco exports amounted to 757 million pounds (farm sales weight) — about 10 per cent in manufactured products and the remainder in unmanufactured leaf Over 95 per cent of these exports were for dollar sales, therefore, tobacco exports make a big contribution to the U S. balance of-trade position.

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It's Hogs and Horses for Henkels

(Continued from Page 17)

helps some in the fields and with the pigs. All the family pitches in and helps some on the farm.

Visits Europe

Mrs. Henkel was one of 34 people selected by Jim Gallagher of Harrisburg to go on a "People to People Goodwill" tour of horse farms in Europe for three weeks this summer. She was chosen because of her interest in horses This was started by the late President Dwight D. Eisenhower.

They visited N.A.A.S. race tracks in Ireland and one of Polands big stud farms. They spent one week in the Soviet Union and attended a race track in Moscow. They were there the second week of June. They had a severe snow storm there in May The climate is much colder than here They were at Pyatigorsk (which means range of five mountains) in the Black Sea area This is a health spa region with mineral springs which people come to from far and near for health purposes They have beautiful Arabian horses there

They visited Kommaya (light house of Communism) which was the first collective farm in Russia, started in 1925 The farms are from 2,000 to 5,000 acres and they raise hundreds of acres of sunflowers and corn, also other grains and alfalfa They saw one airplane dusting crops. They claimed they had 70 tractors on the farm they visited but they saw only a few Most of the labor was done by hand that they saw

Carol says they have done a very good job of developing sunflowers They make lots of oil from them

The people on collective farms have about two acres around their homes for their own use. They raise vegetables and, if they have more than they can use themselves, are allowed to sell them on the market However, they must charge more than what the state charges so as not to hurt the sale of state products Their vegetables still sell readily as they are nice and fresh.

The tour group visited Babolna in Hungary and saw black Arabian horses. They were probably the first tourists to ever get in there It is like a retreat for high ranking personnel, founded by Joseph II, who was the son of the Empress of Austria, and this place was founded in 1789. Originally they had cavalry horses but now a breeding farm to improve the breed of pleasure race horses They also visited Austria and Germany

Henkels are members of the United Church of Christ of New Providence where John is an elder. Mrs. Henkel has not been active in this church but taught Bible School in New Jersey

They have a garden and make jams and can and freeze a lot of things

Mrs Henkel plays the accordian. She says, "I enjoy it" She likes to read and paint. She was in a class at Lampeter-Strasburg High School last year learning to paint She has done some nice paintings of ocean scenes and horses. She also does some refinishing of furniture

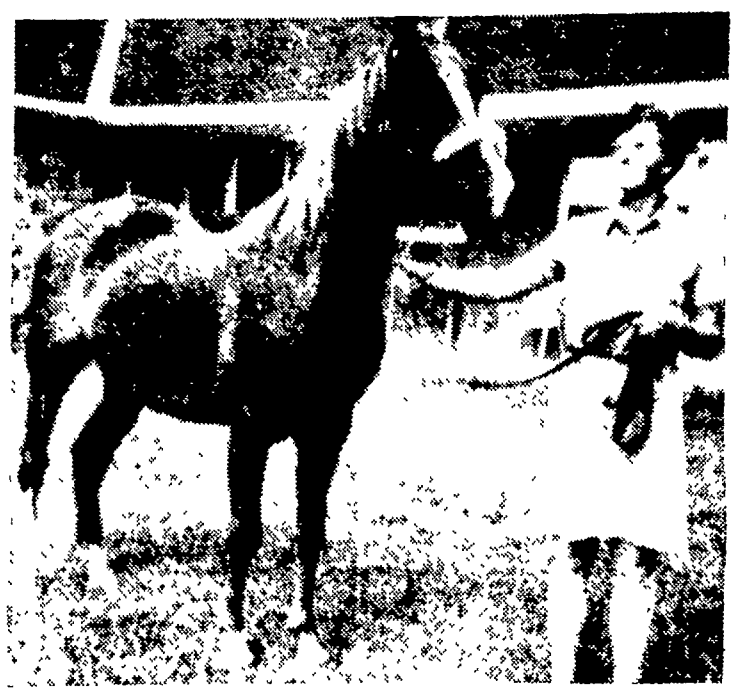
Mrs. Henkel and the girls are avid users of pork and lard Mrs. Henkel says the secret of using lard in cakes is to separate the egg yolks and whites. An example is her delicious

ORANGE CAKE

- **2 eggs separated**
- **½ cup sugar**
- **⅓ cup lard**
- **2¼ cups sifted cake flour**
- **1 cup sugar**
- **2½ teaspoons baking powder**
- **1 teaspoon salt**
- **¼ teaspoon baking soda**
- **¾ cup milk**
- **⅓ cup orange juice**
- **¼ teaspoon almond extract**

Beat egg whites until frothy; gradually beat in ½ cup sugar Continue beating until stiff and glossy.

Mrs. John (Carol) Henkel combines her chief interest of horses with her talent to paint in this oil painting of a former horse "Queen of Hearts" the Henkels owned. Henkel's daughter Nancy won first place in Hunter Equitation class, Jr. Division at the 1968 4-H State Show, Harrisburg with this horse.



Mrs. Henkel poses with "Nutcracker", her favorite riding horse, in front of their new farm home.

In another bowl, stir lard to soften. Add sifted dry ingredients and ¾ cup milk. Beat 1 minute, medium speed on mixer, or 150 vigorous strokes by hand. Scrape sides and bottom of bowl. Add juice, yolks and extract; beat 1 minute, scraping bowl constantly.

(Continued on Page 23)

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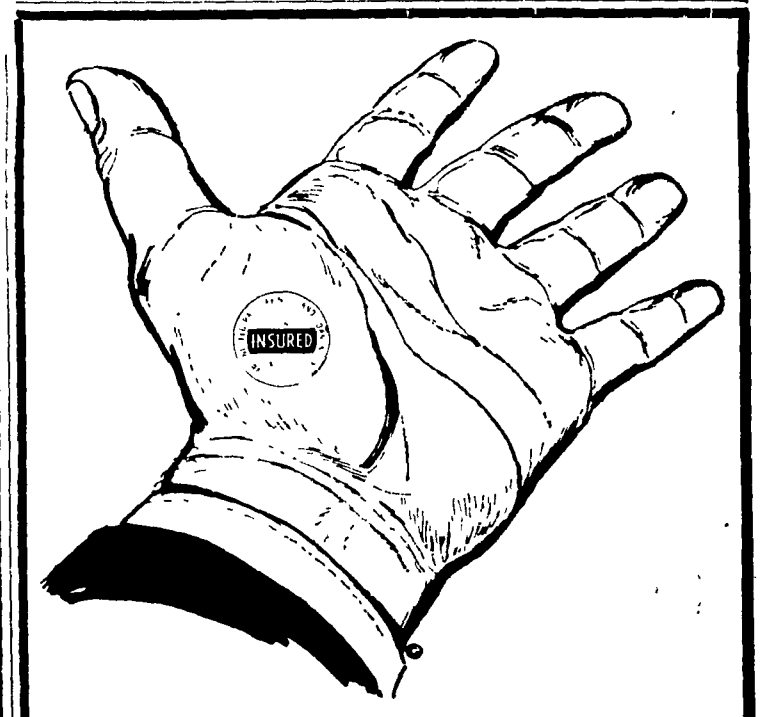

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It's Hogs and Horses

(Continued from Page 22)

Fold in egg white mixture. Pour into 2 greased and floured 9" x 1½" round layer pans or a 13' x 9" x 2" pan. Bake in moderate oven (350 degrees) 25-30 minutes for layers, 30-35 minutes for long pan Cool on rack 10 minutes, remove from pans Frost with fluffy orange frosting.

FLUFFY ORANGE FROSTING
Combine in double boiler:
2 egg whites
1½ cups sugar
¼ cup frozen orange juice concentrate, thawed
¼ cup water
⅛ teaspoon salt

Beat 1 minute with electric mixer or rotary beater Cook over boiling water, beating constantly until mixture forms stiff peaks, 7 to 8 minutes Remove from heat, beat until of spreading consistency.

FRUITED HAM SLICES
2 center cut ham slices (fresh, not cured)

Stuff with any bread filling Place in baking dish with melted butter and bake at 325 degrees for ¾ hour, covered, then uncover and finish baking til tender — about ½ hour Baste last ½ hour with following mixture

½ cup brown sugar
¼-½ teaspoon dry mustard
¼ cup juice.

Top with pineapple apple or peach slices last ½ hour

SAUCE FOR BARBECUED SPARE RIBS
⅓ cup ketchup
4 tablespoons vinegar
2 tablespoons lemon juice
1 tablespoons horseradish

Heat above mixture, pour over spareribs that have been browned under broiler, cover and cook 1 hour in oven at 350 degres. Baste occasionally.

EGG YOLK PASTRY
(Makes enough for 4 or 5 pie shells)
5 cups sifted flour
4 teaspoons sugar
½ teaspoon salt
½ teaspoon baking powder
1½ cup lard
2 egg yolks blended; then add water to make scant cup.

HUNGRYMAN'S CAKE
1¼ cup lard
2½ cups sugar
6 eggs
5½ cups sifted flour
8 teaspoons baking powder
2 teaspoons salt
1½ cup milk
1 tablespoon vanilla

Cream lard 1 minute, add sugar cream until light and fluffy Beat in whole eggs, one at a time, beating well after each addition Sift together dry ingredients Add to creamed mixture alternately with milk and vanilla, beat until well mixed Pour into greased, floured 10" x 14" pan Bake at 375 degrees about 35 minutes. When cool, spread with caramel or chocolate fudge frosting

LIZZIES CAKE
1 box raisins boiled in 2 cups water. (Let cool.)
2 cups sugar
½ cup lard
1 cup cold water
1 teaspoon each of salt, cinnamon, nutmeg and cloves
1 tablespoon baking soda in
4 cups sifted flour

Add ½ cup nut meats and ½ cup cut-up dates if desired Bake 1 hour in 13" x 9" x 2" pan at 325 to 350 degree oven (slow oven). Frost with chocolate frosting.

Household Pest Course

Whether it's ants in your pantry, cockroaches in your basement or ticks on your pets, your reaction is probably the same—let's get rid of the pests!

How to do it is the subject of a Pennsylvania State University correspondence course on household pests and their controls

With ants, the key to control is to find their nest and apply insecticides on and into it and anywhere ants travel The intent is not only to kill the ants you see but also to get worker ants to carry poison to the queen in the nest as they feed her, thus killing the mother of the colony and destroying the source of population increase

In cockroach control get the insecticides where the insects hide rather than where they travel Cockroaches don't live in nests but are dispersed in an area, such as a house or row of houses

Ticks are inhabitants of woods and fields They're also associated with dogs and other animals Control consists of treating both dogs and their living quarters of the insects and clearing outdoor exercise areas of tall grass and weeds on which ticks wait for their victims

Learn more about insects found in homes Send your name and address with $1 85 to Household Insects, Box 5000, University Park, Pa 16802 Make checks to Penn State There are no other charges and a complete course copy comes to you by mail.

Tweed is a great kick for kids to be on. A raglan-sleeve cardigan has neat styling for school, plus a rough-and-ready texture for after The zippered front makes the sweater suitable for boys or girls, in children's sizes 4-10. It is knitted in the stockinette stitch, mixing strands of white and navy fingering yarn together. The neck and front edges have a simple crocheted border. Free instructions are available by sending a self-addressed, stamped envelope to this newspaper along with your request for Leaflet PK 1117.

Beware of 'Easy Buck' Door-to-Door Repairs

As people grow older, they may not be able to climb step ladders or go out on the roof to make home repairs, says June Wilke, Chester County Extension Home Economist They have to hire someone else to do the work

Almost all of the contractors in the home repair field are honest but just a few are trying to make an easy buck"

The dishonest operators may work on a door to door selling basis making personal calls on the elderly and suggesting that they look at the home for an estimate of repair costs

Having gained the confidence of the elderly person, the unscrupulous agent then proceeds to find many things needing repair and pressures the resident into a large sale contract for repair, often larger than the person on retirement income can afford

One 70-year old Pennsylvania woman awoke one morning to find her furnace not working A furnace company gave her an estimate for repairs of $563

But before signing the contract, she had the fuel company check her furnace too. The fuel company inspector found the pilot line needed cleaning and performed the job without charge The furnace was back in service and the woman had saved $563

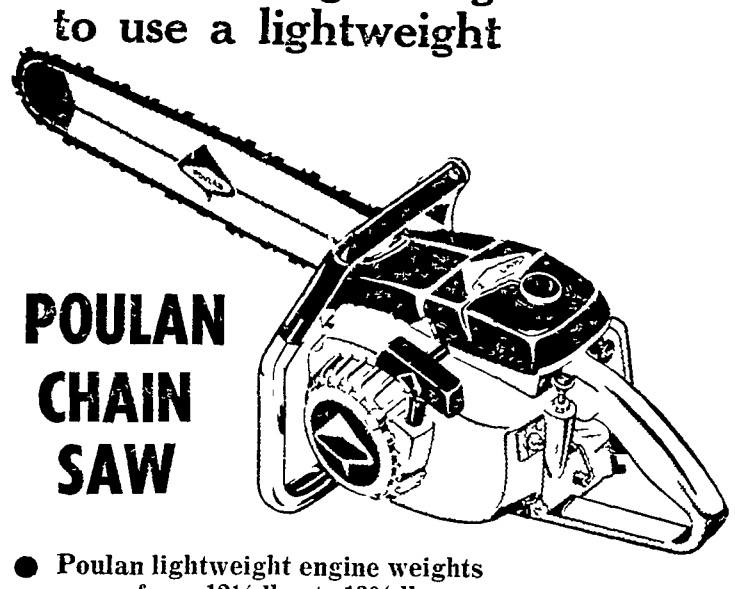
Farming News Briefs

Top Farm Insurance Agent

J Wilbur Sollenberger of Lancaster Pa, has qualified as one of the Farm Family Insurance Companies top agents, and was awarded a trip to the companies' Mid Summer Planning Conference

Sollenberger is one of 24 agents from Pennsylvania who qualified for the 16th annual event The award was made for outstanding performance during the first six months of 1970

If you're big enough to use a chain saw you're strong enough to use a lightweight



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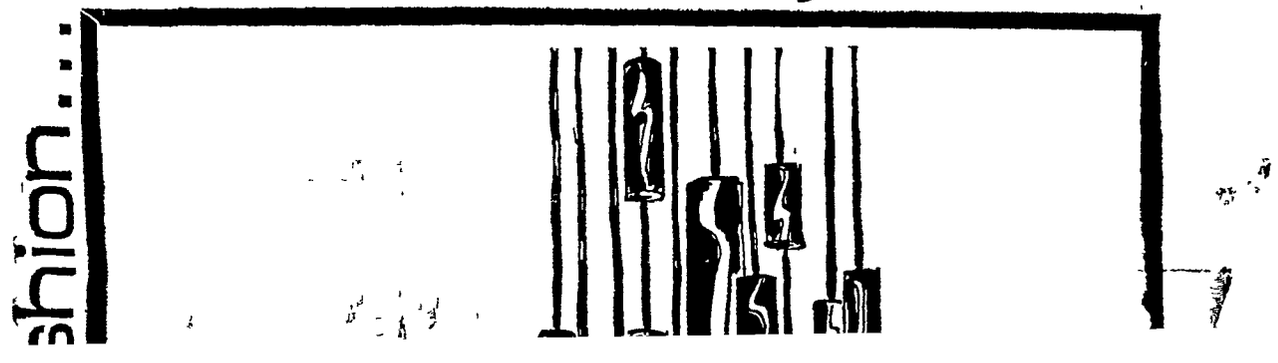
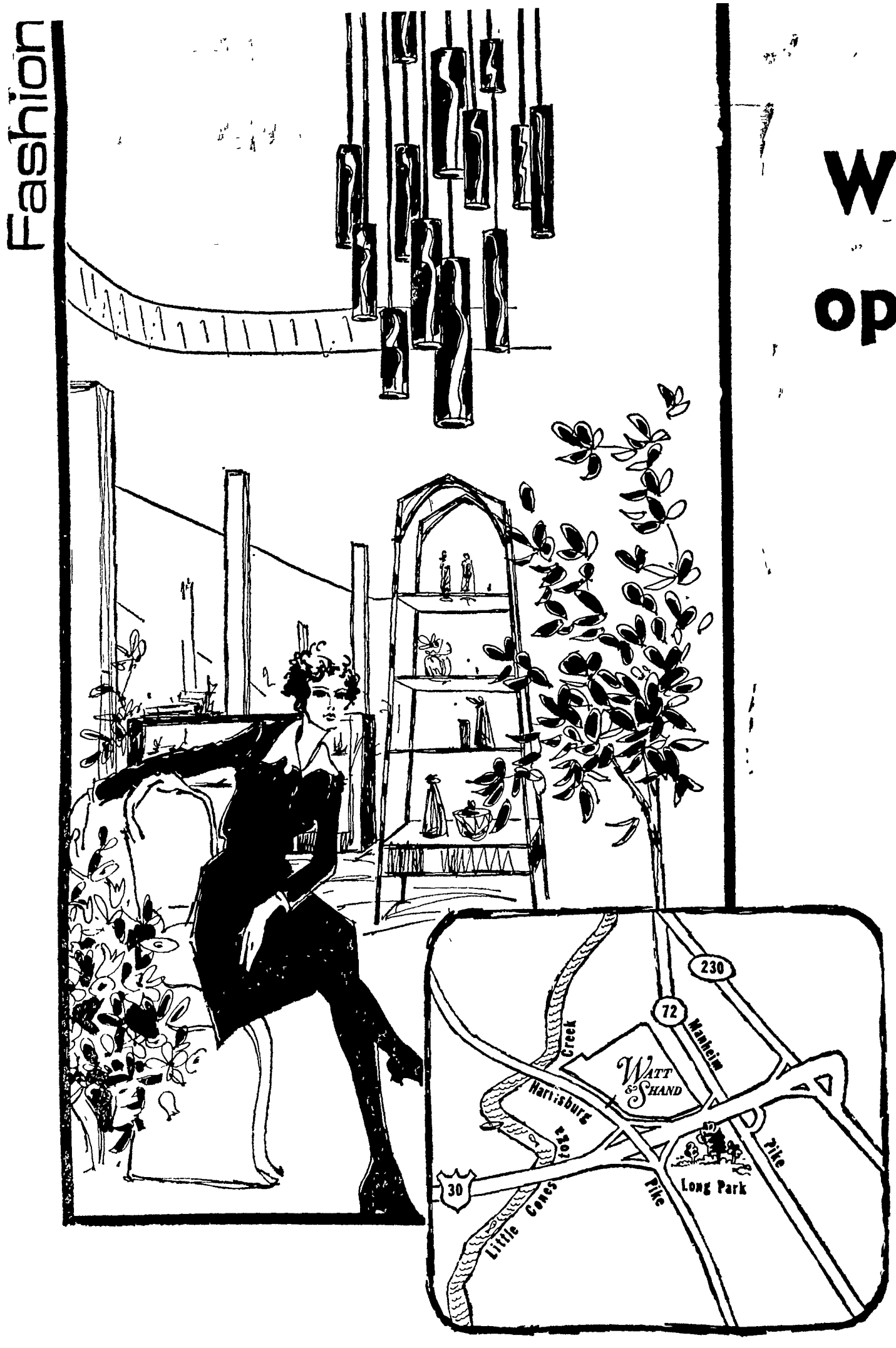


Another great



Another great Watt & Shand store opens at Lancaster's Park City

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MONDAY THRU SATURDAY

Fultonway Holstein Is 'Iron Grandma'

A Lancaster County Holstein has joined a highly select group of animals, the "iron grandmas," which have lifetime production exceeding 100 tons.

The outstanding animal is Bayfield Ty Grawin Johanna 3932472, owned by J. Mowery Frey & Son, Fultonway Farms, Lancaster. At 15 years and one month of age, the animal's output stands at 203,982 pounds of milk and 8,408 pounds of butterfat.

Bayfield Ty Grawin Johanna is classified "Excellent 3E" in body conformation, which indicates she maintained this "Excellent" classification by scoring 90 points or more on three different occasions as she grew older.

The local Holstein joins a select group of nearly 450 cows of the breed to be recognized as "iron grandmas" by the Holstein Association — cows having produced nearly 100,000 quarts of milk in their lifetimes.

Milk and butterfat records of more than 127,000 Registered Holstein cows on official test were added to the Holstein Association's files last year. Production testing is a herd improvement program which aids dairymen in maintaining a more profitable operation.

Elsewhere, the Holstein-Friesian Association reported the following cows and their owners for outstanding milk and butterfat production levels.

Breezy Glen Lad Pearl 5686616, a six-year-old, produced 19,020 pounds of milk and 770 pounds of butterfat in 345 days. Breezy Glen M & H Stephenie Jo 6519118, a three-year-old, had 17,800 pounds of milk and 704 pounds of butterfat in 361 days. Both are included in the herd tested for Donald S. Eby, Gordonville.

Red Rose Leader, A belle 5250024, an eight-year-old in the herd tested for John W. Eshelman & Sons, Lancaster, produced 19,720 pounds of milk and 751 pounds of butterfat in 362 days.

Beverely Rag Apple Osboindale 5618086, a seven-year-old produced 21,000 pounds of milk and 906 pounds of butterfat in 359 days. Fultonway Schoolmark Duchess 5582278, a seven-year-old, had 19,640 pounds of milk and 766 pounds of butterfat in 350 days. Both are included in the herd tested for J. Mowery Frey & Son, Lancaster.

Sunshine Blossomette Ivanhoe 5881154, a five-year-old in the herd tested for Herbert & Rhelda Royer, Lancaster, produced 19,110 pounds of milk and 789 pounds of butterfat in 360 days.

Con-Noll Expectation Peg 6480611, a three-year-old produced 16,283 pounds of milk and 633 pounds of butterfat in 365 days. Donegal Apollo Eva 6712724, a two-year-old had 16,966 pounds of milk and 582 pounds of butterfat in 365 days. Smyrna View Apollo Duke 6385104, a three-year-old, had 18,993 pounds of milk and 656 pounds of butterfat in 365 days. All are included in the herd tested for Nathan E. Stoltzfus, Gap.

Valley Run Archie Nelda 6230640, a four-year-old in the herd tested for Arthur D. & Mary K. Wenger, Manheim, produced 19,890 pounds of milk and 729 pounds of butterfat in 305 days.

These new production figures may be compared to the estimated annual output of 8,821 pounds (4,103 quarts) of milk and 325 pounds of butterfat by the average U. S. dairy cow, notes the National Holstein Association.

Production testing is made available through the cooperative efforts of the state and local testing associations and Holstein-Friesian Association of America. Dairymen enrolled in the program pay for the service.

Holstein Association Lists New Classification System

A policy of reclassification within the Holstein Association's popular Descriptive Type Classification program was adopted at the recent meeting of the Association's Board of Directors. Meeting in advance of the 85th Annual Convention of the Holstein Association in Boston, the Board adopted a program of complete reclassification of all young animals within the program to become effective January 1, 1971.

Staff members of the Association have been studying various approaches to the complete rescoring and reclassification of Registered Holsteins by type during the past year. Based on these studies, all animals will be reclassified for type through the first classification after each animal reaches five years of age. As has always been true in the Association's Classification program, all animals in a herd being classified must be presented for classification along with all females owned by the applicant irrespective of their location.

This change in the Classification program is a major departure from previous Association policy under which animals could be raised in their official score after once being classified, but could not officially be lowered in classification score.

It is expected that 80 per cent of the animals in each herd being reclassified will be given a new score and a new series of descriptive classification codes, compared 57 per cent of the animals in each herd under the old program to be classified for the first time or raised in classification score.

The new policy under which classification scores may be lowered as well as raised and descriptive codes changed for animals until they approach maturity will provide a more realistic evaluation of each animal with the result that Herd Summaries for Type as well as summaries of the daughters of sires will be more accurate and more realistic.

(Continued on Page 27)

Wenger Holstein Given 2E Body Classification

Arthur D. and Mary K. Wenger, Manheim, Pennsylvania, have been notified by Holstein Friesian Association of America that a Registered Holstein cow in their herd has received an "E" designation for body type conformation.

On the basis of her again being classified "Excellent", Valley Run Reflection Kitty 5451786 has been awarded ZE designation.

This phase of the Holstein Association's herd improvement service provides special recognition for "Excellent" cows that continue to score "Excellent" as they grow older. A cow may be designated 2,3, or 4E according to her history of previous "Excellent" classifications within specified age brackets.

Among the 87,200 Registered Holsteins scored for body type last year, less than two per cent attained "Excellent" status. Thus, the achievement of multiple "E" designation makes the individual cow a more valuable asset for herd improvement purposes in the dairyman's breeding program.

Meanwhile, three Lancaster County farmers have forwarded the results of their herd classifications by an official classifier of the Holstein-Friesian Association of America.

Dairymen enrolled in this herd improvement program receive a numerical score for each animal evaluated. The True-Type Holstein represents theoretical perfection and has a value of 100 points on the classification score card. Each animal is scored receiving a rating of Excellent (90 points or more), Very Good (85 through 89), Good Plus (80 through 84), Good (75 through 79), Fair (65 through 74) or Poor. (64 points or below).

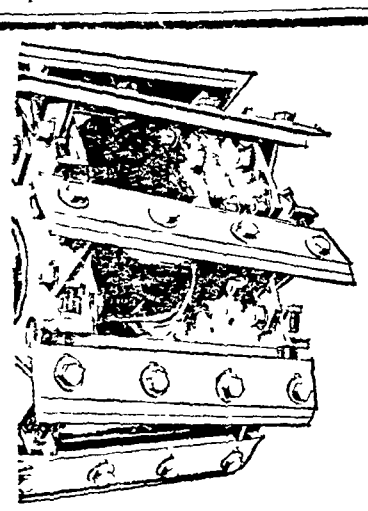
Including animals previously scored, the Valley-Lane Farm herd of Alvin K. Bollinger, Lititz RD4, has 1 Excellent, 2 Very Goods and 9 Good Pluses.

Including animals previously scored, the Hershvale Farm herd of Donald L. Hershey, Manheim, 7 Very Goods and 20 Good Pluses.

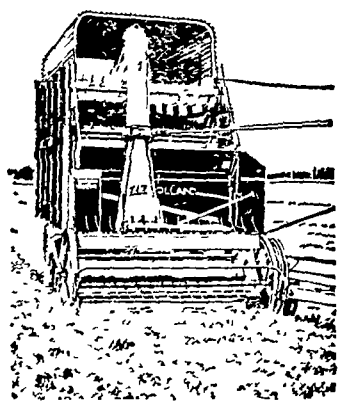
Including animals previously scored, the Harold M. Shenk, Manheim, herd has 2 Very Goods and 15 Good Pluses.

To provide a more complete image of each animal, the classifier also uses comparative terms to describe 12 major parts of the animal's physical characteristics. This "word picture" serves as a guide for planning a breeding program to improve the herd.

The information from the classification of the herd will be summarized by the Holstein Association on its high speed computer. Returned to the breeder, these reports provide useful information for selection in the herd. The data is also published and available as reference for the herd improvement programs of Holstein dairymen everywhere.



This big edge inside...



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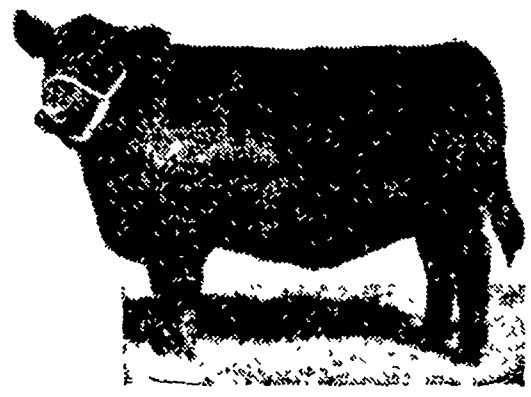

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Holstein Group Hosts Officials

(Continued from Page 17)

officials toured the Noah Kreid er farm at Manheim RD3

Following the dinner, various officials commented on Holstein farming in Pennsylvania and Lancaster County Frey explained his farm operation which, besides Holsteins, consists primarily of corn and alfalfa to feed his cows Frey also displayed a few of his outstanding animals

Max Smith, Lancaster County Agricultural Agent commented on the great competition for land use, higher land prices and taxes He said this is one of the best dairying sections in the country and the Extension Service must help farmers keep up and become specialists

William Nichol of the Pennsylvania Holstein Association explained that Pennsylvania is the dominant Holstein state in the country.

Others present included numerous members of the Lancaster County Holstein Association who helped prepare the meal; Donald Cunnion, director of the bureau of markets, Pa Dept of Agriculture; Robert Powell, director of bureau of markets, Oklahoma Dept. of Agriculture and president of the National Association of Marketing Officials

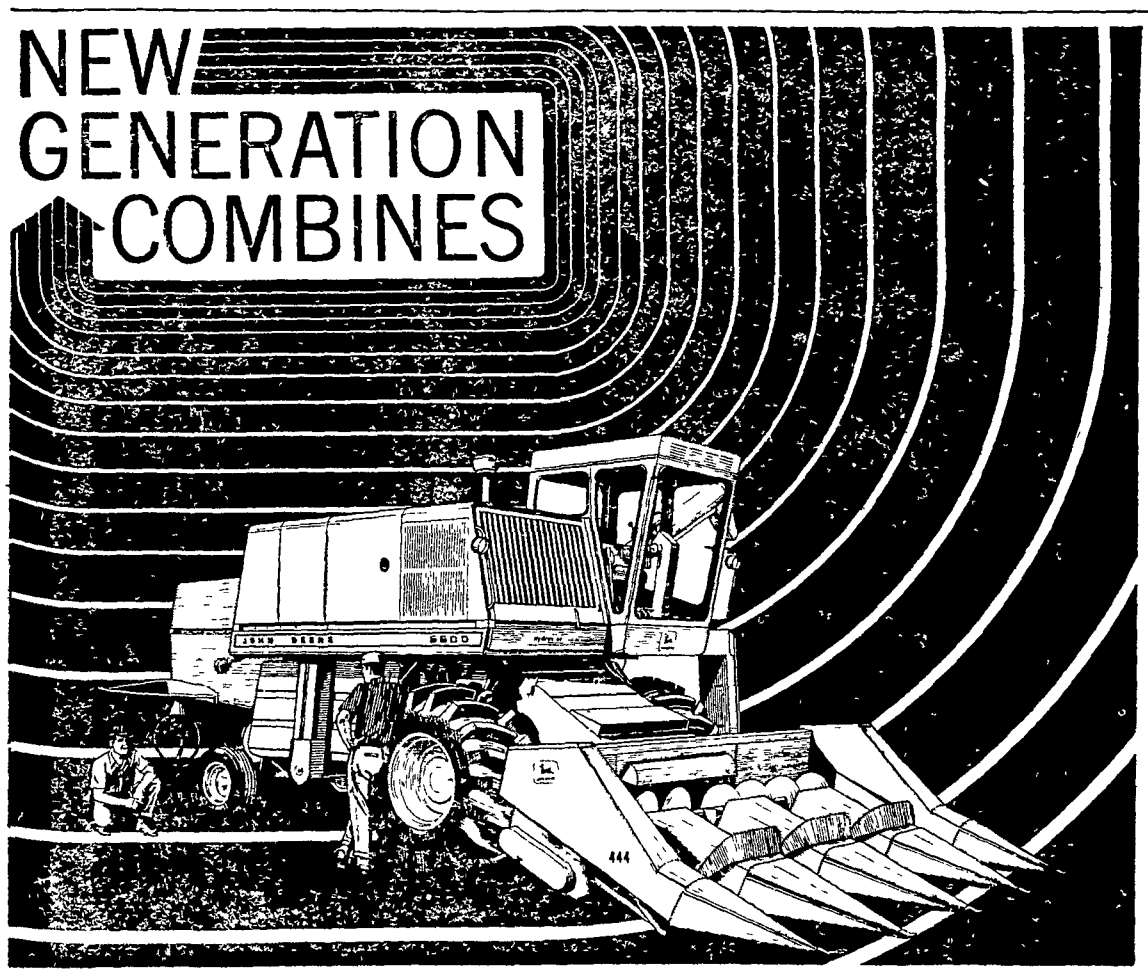
Local officials said the affair was highly successful and they were delighted with the opportunity to get acquainted with some of the leading state marketing officials across the country.

Miss Marilyn B. Krantz, Lancaster County Dairy Princess, and a "goody tree," an indication of the care that went into the preparation of a memorable farm feast for the national marketing group.

Kage, at the Frey farm on a one-year visit from Japan, has become a familiar figure in recent months wherever Frey cows are shown.

Susan Frey leads one of the outstanding Fultonway cows, Fultonway Ivanhoe Rae, which has set three state records and a national record, since broken. The animal's 1,615 pounds of butterfat in 1968 is still a state record and second in the nation for an aged cow.

Try A Classified Ad It Pays!



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M. S. Yearsley & Sons West Chester 696-2990

Landis Bros. Inc. Lancaster 393-3906

Wenger Implement, Inc. The Buck 284-4141

Holstein Lists

(Continued from Page 26)

Under the new program, Classifiers will have no previous knowledge of the classification score or descriptive coded information on animals subject to automatic reclassification at the time the animal is classified For the second and subsequent classifications after an animal reaches five years of age, the previous official information on score and descriptive codes will be available for reference by the Classifier

The most recent score and descriptive breakdown under the Association's modified reclassification procedure will be official and will be used in the preparation of all official Performance Pedigrees, in answering inquiries for Classification information, qualification for Progressive Breeders Award, Gold Medal Dam and Gold Medal Sire recognitions and in the determination of the breed age average for herds and groups of daughters of a sire

The Association's Board of Directors agreed to continue its program of Individual or 'Special' Herd Classifications although a major change was made in the fees for this special service At the same time, the Board liberalized its policy on the filing of applications for the classification of herds for the first time

The revised Classification Program is designed as another forward step by the Association in making more rapid genetic progress in breeding Registered Holstein cattle

Gov. Makes Sept. Pork Month Henkel Active In Promotion

(Continued from Page 17)

and independent stores throughout the Commonwealth.

Actually, these chain stores have been asking for pork promotion material. The Pennsylvania Restaurant Association is cooperating by using place mats, table tent material and featuring menus with special pork dishes.

The National Livestock and Meat Board in cooperation with the National and the Pennsylvania Pork Producers Councils is bringing current information to consumers regarding safe thermometer readings that pork must be brought to, which will dispel some old ideas or myths that it must be cooked to death. Formerly 180 degrees was thought to be necessary to kill any possible trichinae. Now they tell us 165 degrees in sufficient. Any temperature below 145 degrees is not safe so they are still giving a leeway of 20 degrees. By not overcooking pork, a more juicy meat results.

How is this promotion being financed?

By a mere nickel a hog collected at point of sale. There are on the average some 14,000 hogs a month sold in Pennsylvania.

Almost any pork producer would be happy to spend 5 cents a hog if it will avoid the highly probable slump in the market price this fall as a result of over production. You know that old saying, "An ounce of prevention is worth a pound of cure." It's surely worth a try.

Mark Nestleroth, Manheim RD1, is president of the Lancaster County Swine Producers Association and John Henkel is vice-president. This organization, in connection with Field Day which was held August 15 at the Farm and Home Center, had a pork chop barbecu and sold around 200 suppers. This is something new but very delicious. Chops must be one inch thick to barbecue and are done on charcoal grills similarly to steaks. No sauce is used. Frozen chops are better than fresh because they brown well on both sides before being cooked, thus retaining all the juices. Why not try a pork chop cook-out for a new taste thrill?

The Lancaster County Swine Producers Association have held carcass shows at the Union Stock Yards in Lancaster, Vintage Sales Stables and last year at the Manheim Fair. They will again hold it at the Manheim Fair this year. They also have educational meetings on swine production in the winter.

John Henkel, the president of Pennsylvania Pork Producers Council and the vice-president of Lancaster County Swine Producers Association, together with Joseph Little of Camargo, keep 100 Yorkshire breeding sows and six herd sires on their 30 acre farm, known as Willow Glen, which is about 1½ miles east of New Providence. They have an inventory of 800 to 900 hogs all the time. They came to this farm in 1960 and up to this year kept 60 sows. They use quite a bit of self-feeder equipment and also sell this equipment.

Before coming here both Mr. Henkel and Mr. Little worked on a 2,000 acre institutional farm at Lafayette, Sussex County, N. J. Mr. Little was in charge of the dairy and Mr. Henkel the swine. They kept 60 sows on this farm.

Mr. Henkel actually grew up in the hog business. His father and grandfather were in the business in New Jersey in a big way. At a peak they had around 10,000 hogs, mostly finishing them. At one time they had a farm with 1,000 sows.

Mr. Little and Mr. Henkel concentrate on number of hogs and buy most of the feed for them. They sell a lot for breeding stock and finish the balance.

Among some of their buyers have been West Virginia University, Rutgers University in New Jersey, Cornell University in New York and a few years ago they shipped to India.

Some Tobacco Facts

Taxes at three levels of government — federal, state, county/local — on cigarette products in 1969 amounted to **$4.4 billion**, or about five times what a grower gets from the sale of his crop. Excise taxes on cigarettes and tobacco products since 1933 — when crop price supports were introduced — have totaled about **$54 billion.**

"That is enough to pay the costs of all U.S. price support programs over three times," according to Carl T. Hicks, president of the Flue-Cured Tobacco Cooperative Stabilization Corporation which has over 680,000 members. "Tobacco has cost less than 5/10 of 1 per cent of the costs of all price-support commodities," Hicks said. "Thus, tobacco pays its own way, contributing heavily to our national fiscal strength."

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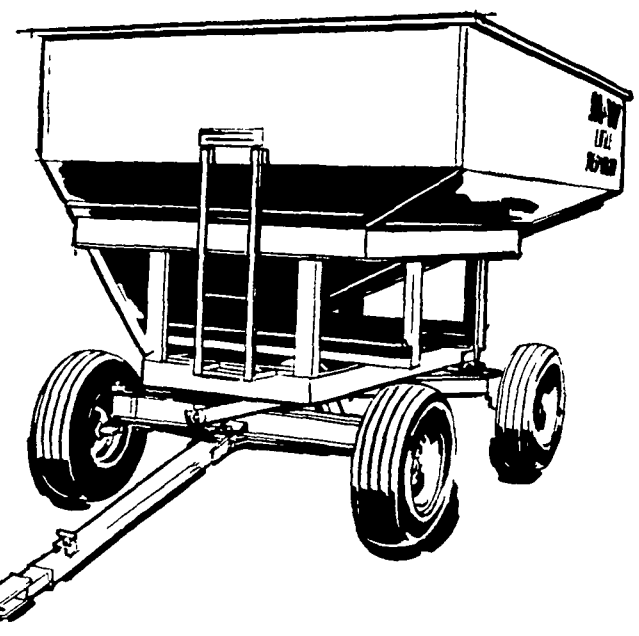
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What's New?

Free Rabbit Book

"Rabbits", free from John W. Eshelman and Sons, is a new, comprehensive 16 page illustrated booklet on rabbit raising with information for both the beginner and the professional From the first spark of interest, to breed-selection, housing, breeding, feeding, marketing and rabbit health, the steps of raising rabbits are explored.

The section on breed selection discusses 27 types from the 13-22 pound Flemish Giant to the 2½ to 5 pound Himalayan It is advised, however that the beginner define his purpose before starting out

If he wants to raise for meat he should get a medium size breed, a New Zealand or a Californian If it is for show, regardless of the breed selected, he should start with a three generation pedigree rabbit.

There also are many practical tips in the pages on feeding and feeding equipment For example though today's "complete" Red Rose Pellet eliminates the need for other feed except water, one should keep a piece of wood in the hutch. This gives the rabbit something to chew on, keeping his teeth normal and healthy

Dampness, the final section warns, is the rabbit's great enemy Prolonged exposure can cause coccidiosis, which leads to pneumonia Among other health hints, periodic cutting of rabbit toenails just below the nail cone is recommended This prevents snagging and tearing of the toes in wire mesh hutches, while it also insures normal foot growth

Complete information can be obtained by writing for the free booklet to John W. Eshelman & Sons, Lancaster, Pa 17604

Killing the Goose?

The Indiana State Egg Board was recently asked to investigate a "new egg" being offered for distribution in Indiana The egg is produced on a "special feed"

The details are rather fully stated on the label "produced by layers on special diets containing no animal or fish sources of saturated fats and deriving energy and protein from specially processed and extruded soybeans containing principally polyunsaturates" In another corner is stated "produced by layers on polyunsaturated diets."

The feed for producing such eggs is apparently being offered on a franchise basis Whenever an item of this kind develops or comes to light, there is always a well-intentioned egg producer or distributor who screams "foul" and wants the process stopped because it indirectly points out that something may be wrong with all other eggs, reports the Poultry and Egg National Board

PENB President, Dr L A Wilhelm, was asked to comment on this, as well as the new dried and frozen egg products aimed at the "cholesterol sick and fearful"

Wilhelm stated, "It might be well to remember the oleomargarine butter story Dairymen protested oleomargarine until it became a best seller More recently, research revealed that the general public was less aware than those in the industry and that the tendency to advertise "fat free" milk was more damaging to dairy products than the unfavorable publicity

'The same thing could happen to eggs with the cholesterol story This is the reason why PENB has always advocated — and has a detailed plan — that the way to combat cholesterol is to talk sound nutrition and the goodness of eggs," Wilhelm concluded

---

About 515 thousand U S farms annually produce about 2 billion pounds of tobacco on about one million acres Thus, some 625 thousand farm families share in the proceeds from tobacco, according to the U S Department of Agriculture Tobacco is one of the few crops that still can use family labor and provide a reasonable income on a small farm It represents a strong bastion to the diminishing family farm says B C Mangum N C Farm Bureau president To produce one acre of tobacco requires about 400 man hours, Mangum said.

No Other Protein Need When You Feed

SPECIAL TANVILAC

Feeders Say . . .
"The Most Economical Feeding Plan of All"

No trouble with scours or cattle going off feed. You'll be more than satisfied with our feeding program for you'll get healthy stock, quick gains at low cost. Remember, there's a FEED LOT PROVEN TANVILAC CULTURE PRODUCT FOR EVERY FARM-FEEDING PURPOSE.

USE ONLY ½ LB. SPECIAL TANVILAC PER HEAD PER DAY WITH GRAIN AND ROUGHAGE — GET BIGGER PROFITS

FOR MORE PROFITS—MAIL COUPON
THE TANVILAC COMPANY, INC.
6th & Corning Aves, Box 96, Highland Park Station, Des Moines 13, Iowa
• Please Send Me Additional Information about Special Tanvilac.
I have_____Cattle
NAME_____
ADDRESS_____

THE TANVILAC CO. INC.
6TH AND CORNING AVE
DES MOINES IOWA

C. O. NOLT
LOCAL DISTRIBUTOR
BIRD-IN-HAND Phone Lanc. 397-0751

the FUTURE is HERE with REX

SELF-UNLOADING forage box BY LANCO LOCKE, N.Y.

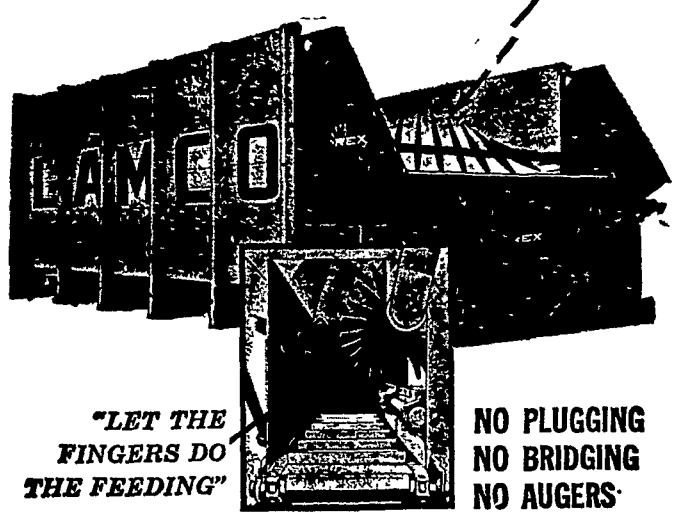
FUTURE
THE BOX DESIGNED WITH THE FARMER IN MIND

SIMPLE . . .
Worm Driven Main Apron
Worm Driven Beaters

SMOOTH . . .
NO RATCHET

STRONG . . .
Built with Good New York Oak (Dimensional Lumber)

SAFE . . .
FINGER FORCED FEEDING
("PEELS" OFF THE LOAD)

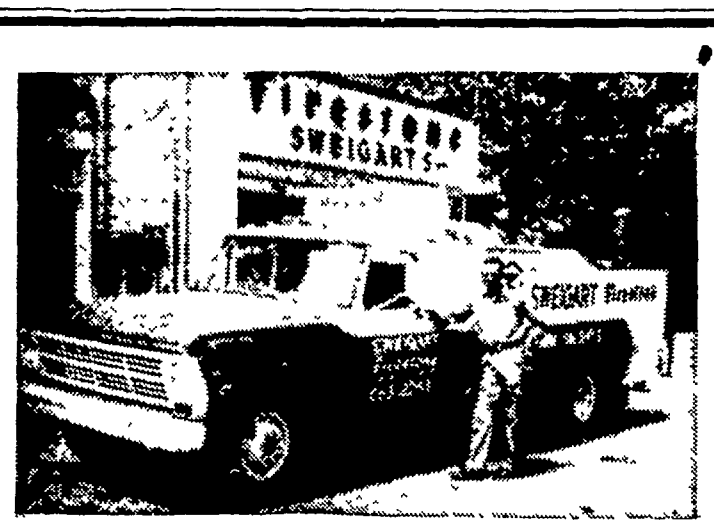


"LET THE FINGERS DO THE FEEDING"

NO PLUGGING
NO BRIDGING
NO AUGERS

NO AUGER - NO RATCHET
For
Handling Of Heavy Loads
Smooth, Easy, Trouble Free
Complete 14 foot box (16 foot overall) 2 beater . . 54" high 7 ft wide inside
Reverse and Swinging Tailgate for Bale Thrower $95 00 extra.
Right or Left Hand unloader available.
$1095. F.O.B. Locke, N.Y.

KINZER EQUIP. CO.
Your Equipment Center in Lancaster County
Box 23, Kinzer, Pa. Phone 442-4186
Phone 768-8916



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Fully equipped truck for on
Call us . . . for fast action.
SWEIGART FIRESTONE
329 W. High St., Manheim, Pa.
the farm or in the field.
Phone 665-2258 or 665-3603

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money
Deutz does it
(SAY DOYTZ)
with craftsmanship and engineering

Full-rated Deutz tractors perform so efficiently, it is not unusual to find a smaller model will do the job—resulting in substantial savings to you Come take a look at the new Deutz tractors and find out what we mean

See the new 06 series now on display

DEUTZ TRACTORS

Also See The New Hesston Heavy Duty Forage Harvesters Now On Display — Free Demonstrations

Stauffer Diesel, Inc.
312 W. Main St. New Holland, Pa 17557
Phone 354-4181

Across the Editor's Desk

Letter on Blight

We received the following letter this week on the corn blight from Kurt Servos of Casupa Super Green Pastures:

I have read with great interest last week's article on Southern Corn Blight, in which it was stated that the blight had not affected Southeastern Pennsylvania, and this week's article, in which it has been stated that the blight has hit our area.

I am a distributor for Acco Seed Corn, Belmond, Iowa, and I have been checking many fields during the last two weeks, and Southern Leaf Blight was already with us at that time, two weeks ago

Due to the concern of many corn growers in this area, I took a trip to Iowa and Illinois to learn more about the Southern Blight, which has hit the above mentioned states very hard. I spoke with many research people and breeders, and here are some of the facts which might interest your readers.

The most dangerous stage is the mid-silk stage, when corn is affected most severely. The fungus will move from the leaf into the shank of the ear, and then into the grain. The tip of the cob will be black and soft, and the grain is surrounded by what looks like mold.

The new race of fungus developed between 1963 and 1969, and affect those hybrids that carry the T-Gene, or Texas Gene for male sterility. 80-90 per cent of all corn hybrids carry this gene.

All indications are that only corn which has been detasseled for male sterility shows almost complete resistance to the fungus. There are practically no seed supplies in which the detasseling method has been used, and it will not be until the 1972 corn season that these hybrids will be available.

I believe that some good practices can be applied to keep this blight in check for next season. All corn fields should be plowed and if possible should not be used for corn again next season.

Plant breeders in the west feel that the fungus can survive in cold winters of Minnesota.

We pass along this item from the Farm Credit Service publication on a possible break-through in preventing poultry cannibalism — simply use red lighting. States the article:

The use of red fluorescent lights in hen houses might make debeaking, as a means of preventing cannibalism, a thing of the past.

Debeaking is the painless removal of a part of the upper beak. It prevents birds from eating one another by depriving them of their ability to pick feathers from their penmates. Feather picking usually develops into cannibalism.

Research was conducted in Virginia to learn the effects of different colored lights on growth, cannibalism and egg production of pullets. Undebeaked and debeaked birds were used in the study and were divided equally in pens subjected to red, green and white fluorescent rearing lights.

At a 20 weeks of age examination, 13 per cent of the debeaked green light pullets and five percent of those under white light were found to have become feather pickers. Seventy per cent of the nondebeaked green light pullets and 56 per cent of the nondebeaked white light pullets were feather pickers. Those birds which received the red light treatment showed no signs of feather picking or cannibalism.

At the 20-week inspection, the birds showed no weight differences between light treatments nor debeaked or nondebeaked birds. Bird mortality, at five per cent, was highest in the nondebeaked flocks under both green and white lights.

Light treatment during the study had no significane effect on total egg production or production patterns.

On-Farm Grain Storage

Various farm publications report that farmers across the nation are increasing their capacity for storage of grain on the farm.

Reasons include difficulty in getting the grain shipped to market and shortage in some areas of market storage facilities at the critical harvest time.

Perhaps more important for some farmers is the market flexibility they get from maintaining possession of the grain. Usually, the price is lowest at harvest time and often considerable price improvements result later in the year—helping to pay for the additional storage facilities.

"For the future, most signs point to a continuing need for more storage," reports The Farrow.

Farming News Briefs

Vo-Tech—Conservation

The three Lancaster County vo-tech schools are now implementing the conservation plans which were drawn up for them, reports Orval Bass, Lancaster County conservationist.

The work now mostly completed at the Willow Street school primarily involves taking care of water runoff from the parking lots. Similar work is slated to get underway at Brownstown and Mount Joy schools.

As the urban areas develop, handling the huge amounts of water which run off black-topped surfaces is a major conservation problem, local officials inform us.

CARL LAUGHLIN GUERNSEY DISPERSAL
Lewistown, Penna.
WEDNESDAY, SEPT. 9, 1970 — 12:30 NOON
At the Ass'n. Sales Pavilion, Lancaster, Penna.
T.B. & Bang's Cert. Vacc. Dehorned
Injected against lepto and shipping fever, herd examined regularly every 60 days for pregnancy.
25 COWS, 12 BRED AND 17 OPEN HEIFERS
Mr. Laughlin never did any testing, but in 1969 he shipped 320,000± of milk from 31 cows so this would give a strong 10,000# average.
Most of the open heifers are by Housley's J. Champion and 20 of the females are bred to the same sire. Bred heifers are by Magnolia Flash Corinthian or Cleverland's General Eldorado. 10 of the cows are by "Nance", several others by Nance Forward.
The freshening dates are throughout the year. This herd has made money for Mr. Laughlin and by having your choice to select the ones you like, they will make money for you.
Also included in sale, a number of very attractive additional consignments.
SALE MANAGED BY:
PENNA. GUERNSEY BREEDERS' ASS'N.
P.O. BOX 458 CAMP HILL, PA., 17011

SPECIAL FALL FEEDER SALES
Friday Evenings At 7 O'clock
September 11 & 25 — October 9 & 23
October 16 — All Charolais Show & Sale
November 6 & 20
Approximately 700 Head Each Sale
All Weights and Breeds
Vintage Sales Stables Inc.
Box 100, Paradise, Pa. Lancaster County
The Heart of Pennsylvania Steer Feeding Country
Anyone Wishing to Consign Cattle Telephone
Area Code 717 - 442-4181
KENNETH E. HERSHEY, MANAGER

PUBLIC SALE
of Valuable Farm Implements-Antiques And Personal Property
On Saturday, Sept. 19, 1970
at 10 A.M. Sharp
at RD#1, Wrightsville, Pa. on the East Prospect-Craley Road near East Prospect.
The undersigned having sold their farm will offer at public sale farm machinery some horse drawn, also antiques & personal property For a more complete listing drop a card to Gilberts Auction Service RD#1, Wrightsville, Pa Not responsible for accidents on day of sale Terms Cash or Certified check Refreshments available from Red Lion Grange No. 1781 Come early lots to sell.
Ernest S. Leibhart
Margaret Viola Leibhart
Jacob A. Gilbert Auctioneer
Frey-Leber Kline Clerks

Public Auction
60 Registered And Top Grade Holstein Dairy Cattle
Sale to be held in the dairy barn arena at the Aberdeen Sales Company in Churchville, Harford Co., Md., located on Md. Rt. 22, 6 mi. east of Bel Air, Md. (via U.S. Rt. 1) and 6 mi. west of Aberdeen, Md., (via U.S. Rt. 40 or Kennedy Highway) on
FRIDAY, SEPTEMBER 11, 1970
at 8:00 P.M. EDST
This sale features 30 head of Canadian cows and heifers; most of which are fresh or close springing. A local farmer will sell 20 head of springing heifers due to freshen in September. Other consignments available. This is a top quality group of cattle. Plan to help yourself by purchasing one or more of these fine animals.
All cows T. B. Accredited, Certified Bangs Free and tested within 30 days of sale. Freshening dates, breeding and due dates, and milk weights will be available.
TERMS: CASH
ABERDEEN SALES COMPANY
Sale Managers
Phone: 301-734-6050
Night: 301-734-7105
301-272-1368
PRIVATE SALES DAILY

PUBLIC SALE
VALUABLE DAIRY FARM
Along Route 241, 3 Miles Southwest of Elizabethtown, West Donegal Township.
TUESDAY, SEPT. 8, 1970
2:00 P.M.
FARM CONSISTING OF 102 ACRES ERECTED THEREON
2½ STORY STONE AND BRICK HOUSE
With 9 Rooms and Bath, Auto. Hot Water Heating System.
LARGE BANK BARN WITH MODERN MILK HOUSE
Large Shed, Chicken House and Heifer Barn. Never Failing Stream of Water Flows Through Large Pasture. Good Farming Land and Approximately 7 Acres Woodland.
Property can be inspected anytime by calling these two numbers: 367-1765 or 367-7273 (Area Code 717)
TERMS BY
ABRAM AND LAURA K. GISH
Kreider and Diller, Auctioneers
Carl G. Herr, Attorney
SAME LOCATION THURSDAY, SEPT. 10, 1970
11:00 A.M.
52 Head of High Grade and Registered Holstein Dairy Cattle
24 Milk Cows, 4 Registered, 3 By General and 1 By Archie
5 Bred Heifers Due This Fall — 23 Open Heifers
13 Cows Due From Between July 1 and December 6
25 Years Service With Atlantic Breeders
7 Years Of Mate Rite Mating
½ Of Herd 1st and 2nd Calf Heifers
4 Cows In Herd Have Milked Over 100 Lb. Per Day
Average Production from Dairy Last Year 14.445 Milk 3 6 Fat.
Average Weight Per Animal 1430 lb.
Sample of sires Used: — Flashy Boy 7, London 4, Paramount 3, Jack 3. Hector 2. etc.
SALE HELD UNDER TENT.
T.B. and Bangs Certified Charts Furnished Sale Day.
John Deere 50 Power Steering and Live P.T.O., New Rubber and Horn Manure Loader, MT - J.D. with Cultivators with 2 Front Ends, J.D. No. 33 Manure Spreader Single Beater, J.D. 14 T Baler with No. 1 Ejector (Very Good), N.H. 56 Hay Rake, New Idea Hay Conditioner, J.D. No. 5 Mower 7 ft., 25 ft. Smoker Elevator, 2 Wagons. 1 with High Sides; N.H. No. 36 Flail Chopper, J.D. 812 Two Bottom Plow, J.D. No. 28 KBA Disc, Brillion Cultipacker, J.D. No. 246 Cornplanter, J.D. 101 One Row Corn Picker, 2 Row 3 Pt. Tool Bar, 3 Pt. Fork Lift.
Grain Drill, Spring Harrow, Weeder, 2 Wheel Trailer, Myrath Grain Auger, Air Compressor on Wheels, N.H. Cornsheller, Platform Scales, Cement Mixer, Wheelbarrow, Feed Carts, Log Chains, 2 Surge Fencers, 1 Super Atom.; Forks, Shovels etc.
HAY AND STRAW
DAIRY EQUIPMENT
625 Gallon Girton Deluxe Bulk Tank (10 Months), Dr. Walker Stamp, Dumping Station with 170 ft. 1 in. Glass Line, Stainless Steel Double Wash Tubs, 80 Gallon Water Heater (10 Months), Stainless Steel Wash Bowl, S.P. 11 Pump, 3 - 50 lb. Surge Milkers. Stewart Cow Clippers.
Electric and Bottled Gas Water Heaters, Double Sanitizers.
Other Articles Not Mentioned.
TERMS BY
J. NEVIN GISH
Kreider and Diller, Auctioneers
Lunch by Elizabethtown Fire Co. Auxiliary

THE DALE ENTERPRISE

Holstein Dispersal SALE

SAT., SEPT. 12, 1970

12:00 Noon

Sale at the farm 25 miles south of Lancaster, 3 miles south of the Little Britain Store. Follow sale signs from Pa. 272.

SELLING
65 - HOLSTEIN COWS & HEIFERS - 65

90% of herd registered, nearly all home raised. Certified health - TB and blood tested within 30 days of sale.

1969 D.H.I.A. Herd Average

13,103 lb. milk 3.9% 511 lb. B.F.

Over half of this herd fresh or close springers at sale time.

3 Daughters of Osborndale Ivanhoe Sell

High producing cows include:

Nancy	19,617 M	4.2%	832 B.F.	305 d
Iva	19,063 M	4.0%	759 B.F.	305 d
Lily (Grade)	18,031 M	3.6%	650 B.F.	305 d
Florence	16,740 M	4.3%	722 B.F.	305 d

And others with over 600 lb. records. Several outstanding daughters of Romandale Dividend Performer sell.

Selling 3 pt. hitch weeder — 3 pt. hitch grass seeder, hand seeder, Heatrola stove, Buckeye heater and few other old items.

Sale by SETH J. LAPP - Owner

Pedigrees — Ira Welk

For Catalog write:

Leroy C. Sensenig, Auctioneer and Manager
RD#2, Quarryville, Pa. 17566 — Phone 717-786-3128

PUBLIC SALE
OF REAL ESTATE

1 Mile Southwest of Central Manor off Route 999 on Prospect Road, 10 Miles Southwest of Lancaster, 3 Miles Southwest of Washington Boro, Lancaster County, Manor Township, Penna.

WEDNESDAY, SEPT. 30, 1970

2:00 P. M.

2 ADJOINING FARMS FOR SALE

FARM NO. 1
78 ACRES MORE OR LESS ERECTED THEREON
2½ STORY LARGE BRICK HOUSE

With 10 Rooms and Bath, Hot Water Auto. Oil Heat, Modern Kitchen and Slate Roof. A Never Failing Spring For Water Supply For All Uses.

LARGE BANK BARN 96 x 50

Slate Roof, 1 Silo with Unloader, 2 Auto. Feeders for 70 Steers.

2 Tobacco Sheds 64x36 Each, 2 Story Concrete Block Chicken House 40x100 With 2 Auto. Feeders And Bulk Bins (Good), Other Buildings-Frame Chicken House, Frame Brooder House, Frame 3 Car Garage, Tile Milk House.

FARM NO. 2 SAME TIME AND PLACE
29 ACRES ADJACENT FARM NO. 1
2½ STORY FRAME AND LOG DWELLING

Hot Water Auto. Oil Heat (8 years old), Slate Roof, 10 Rooms Including 2 Baths.

BANK BARN 40 x 84
Slate Roof, Tobacco Shed 24x32 With 2 Car Garage Attached. 2 Story Frame Chicken House 24x70. Never Failing Well Provides All Water. New Macadam Drive

Grounds on both Farms practically all tillable and in very high state of cultivation.

May be seen by appointment by calling
717-872-2059 or 717-872-2889

TERMS BY

SUIE E. BRENEMAN EST.
Robert F. and J. Kenneth Breneman Exects.

Kreider and Diller, Auctioneers
717-284-4517
717-464-2233
Wenger & Byler, Attorneys

PUBLIC SALE REGISTER

TUES. SEPT. 8—2 P.M. Public Sale of Valuable Dairy Farm located along Rt. 241, 3 miles southwest of Elizabethtown, West Donegal Township. Terms by Abram and Laura K. Gish.

WED. SEPT. 9—12:30 Noon at the Ass'n Sales Pavilion, Lancaster, 25 cows, 12 bred and 17 open heifers. Sale managed by Penna. Guernsey Breeder's Assn., P.O. Box 458, Camp Hill, Pa.

THURS. SEPT. 10—11 A.M. Public Sale of 52 Head of High Grade and Registered Holstein Dairy Cattle, Farm Equipment, Hay and Straw, and Dairy Equipment. Located along Rt. 241, 3 miles southwest of Elizabethtown, West Donegal Township. Terms by J. Nevin Gish.

FRI. SEPT 11—10 a.m. Farm machinery and Equipment at the Landis/Wittel Farm. Take Rt 324 to New Danville, 4/10 mi. South of New Danville, turn on Long Lane. Second farm on left. Terms by Howard P. and Elizabeth Wittel. Sale conducted by Conestoga Auction Co., Inc. Manheim. Walter Bomberger and Donald Longenecker, Auctioneers.

FRI. SEPT. 11—7 P.M. Special Fall Feeder Sale at Vintage Sales Stables, Inc. Box 100, Paradise, Pa. Lancaster County.

FRI. SEPT. 11—8:00 EDST Public Auction of 60 Registered and Top Grade Holstein Dairy Cattle in the dairy barn arena at the Aberdeen Sales Company in Churchville, Harford Co., Md Sale by Aberdeen Sales Company.

SAT. SEPT. 12—12 Noon Sale at the farm 25 miles south of Lancaster Selling 65 Holstein cows and heifers Sale by Seth J. Lapp, Owner For Catalog write Leroy C Sensenig, Auctioneer and Manager, Quarryville RD2. Phone 717-786-3128.

6500 HEAD
IN FIVE FEEDER CALF SALES
LOCATED IN CENTRAL VIRGINIA
"Where Quality is Outstanding"

Angus-Hereford-Crosses Steers-Heifers
300-700 Pounds

ORANGE	**1:00 P.M.**	**September 22**	**1200 Head**
CHARLOTTESVILLE	**1:00 P.M.**	**September 23**	**1400 Head**
CULPEPER	**1:00 P.M.**	**September 24**	**1200 Head**
MARSHALL	**7:00 P.M.**	**September 24**	**1500 Head**
STAUNTON	**1:00 P.M.**	**September 25**	**1200 Head**

Health requirements and all qualifications conform to the high standards of the Virginia Beef Cattle Association.

Second Series of Sales — October 27-October 30, 1970
For further information Contact:

ROY HELTZEL,
COUNTY EXTENSION AGENT
Culpeper, Virginia—Telephone: Culpeper 703/825-2233

PUBLIC SALE
Farm Machinery & Equipment
FRIDAY, SEPT. 11, 1970

10:00 A.M.

LOCATION — At the Landis/Wittel Farm. Take Rt. 324 South to New Danville. 4/10 mile South of New Danville, turn right on Long Lane. Turn left into second farm lane on left side.

INTERNATIONAL 504 Tractor, Gas, 1200 hours, Cat. II — Farmall C (Super Kit) with Cult., New Battery, Tires — Int. 2001 Loader — Int. #46 Baler, used 4 seasons — Int. #10 Bale Thrower with Motor, never used — Int. Flat Bed Wagon with Corn Sides, Hay Standard, New Gear — Int. 9-A Disc Harrow with Cultipacker — Int. #100 7' Mower, 3 point hitch — Massey-Ferguson 5 Bar Rake — Brady Hay Crimper — Case Offset Disc (heavy) — 2 Wheel Trailer with heavy frame & bed — Lilliston 7'6" Rotary Mower, 2 wheel type — Case Grain Drill — Ganby Fert. Drill — Lg. V Blade Snowplow for Tractor — Stauffer 2 row Tobacco Planter — 2 Sawbucks with belt, Circ. Blades — Water Tank for Tobacco Planting — Old Tobacco Ladders — 10,000 Lath — John Deere Manure Spreader — 1954 Dodge ¾ Ton Truck, 4 speed, Good Motor, Rubber, New Battery, Wood Flat Bed, Cattle Sides & End Gate, Helper Springs — Cyclone Power Seed Sower — Unico Hand Sower — Massey-Ferguson Scraper Blade #16, 3 Point Hitch — Sunbeam Animal Clipper (new) — Frey Bros. Head Gate (new) — Massey-Ferguson 24" Rotary Riding Mower — Black Hawk 30' Elevator, Bales & Grain — Cardinal Jr. Alumn. Elevator, Recond. Motor — 3 Tobacco Presses — Stripping Room Stove — Sump Pump & 2 other Pumps — Speedy 1,200 Bu. Corn Crib — Misc. Tools, Chains, Etc. — 4-H Steer Equipment — Air Compressor — Elect. Fence Control.

SALE BY THE ORDER OF:

HOWARD P. & ELIZABETH F. WITTEL

SALE CONDUCTED BY:
CONESTOGA AUCTION CO., INC.
P.O. Box 1, Manheim, Pa.
898-7284

WALTER L. BOMBERGER, JR.
J. DONALD LONGENECKER
Auctioneers

SAT. SEPT. 12 — 12:00 Noon. Registered Holstein Dispersal sale, of 45 cows, 20 heifers, outstanding breeding, good records, located 25 miles South of Lancaster, 3 miles South of Little Britain. Sale by Seth J. Lapp. Leroy Sensenig, Auctioneer.

FRI. SEPT. 18—7:30 P.M. Fall Yearling Cattle Sale to be held at the Farmers Livestock Exchange, Inc. located 1½ miles west of Winchester, Va. on U.S. Route 50.

FRI. SEPT. 18—7:30 P.M. Fall Yearling Sale to be held at the Farmers Livestock Exchange, Inc. Winchester, Virginia. Sale by Northern Virginia Livestock, Inc., Winchester, Virginia.

SAT. SEPT. 19—10 a.m. Public sale of valuable farm implements, antiques, and personal property. Located at Wrightsville RD1 on the East Prospect-Craley Road near East Prospect Terms by Ernest and Margaret Leibhart. Jacob A. Gilbert, Auctioneer, and Frey - Leber - Kline, Clerks.

SAT. SEPT. 19—2 P.M. Public Sale of the 4 Way Farm on the premises at intersection of Line Road and Wabash Road, Stevens, Lancaster County, Pa. Terms by Alvin L. and Erla Henly, H. H. Leid, Auct.

TUES. SEPT. 22—1 P.M. Feeder Calf Sale (1200 head) located at Orange, Virginia.

WED. SEPT. 23—1 P.M. Feeder Calf Sale (1400 head) at Charlottesville, Virginia.

TUES. SEPT. 22-FRI. SEPT. 25—6500 head in five feeder calf sales located in central Virginia. Second series of sales October 27-October 30. For further information contact Roy Heltzel, Culpeper, Virginia. Phone Culpeper 703/825-2233.

THURS. SEPT. 24—1 P.M. Feeder Calf Sale (1200 head) at Culpeper, Virginia.

THURS. SEPT. 24—7 P.M. Feeder Calf Sale (1500 head) at Marshall, Virginia.

FRI. SEPT. 25—1 P.M. Feeder Calf Sale (1200 head) at Staunton, Virginia.

WED. SEPT. 30—2 P.M. Public Sale of Real Estate located 1 mile southwest of Central Manor off Route 999 on Prospect Road. 10 miles southwest of Lancaster, 3 miles southwest of Washington Boro, Lancaster County, Manor Township, Penna. Terms by Suie E. Breneman Est. Robert F. and J. Breneman, Exects. Kreider and Diller, Auctioneers.

FRI. OCT. 2—1 P.M. Feeder Calf Sale and Show to be held at the Farmers Livestock Exchange located 1½ miles west of Winchester, Va. on U.S. Route 50.

FRI. OCT. 2—1 P.M. Feeder Calf Sale and Show (Show 10 A.M.) at the Farmers Livestock Exchange, Inc., Winchester, Virginia. Sponsored by Northern Virginia Livestock, Inc., Winchester, Virginia.

FRI. OCT. 16—7:30 P.M. Fall Yearling Cattle Sale to be held at the Farmers Livestock Exchange, Inc. located 1½ miles west of Winchester, Va. on U.S. Route 50.

FRI. OCT. 16—7:30 P.M. 2nd Fall Yearling Sale at the Farmers Livestock Exchange, Inc. Winchester, Virginia. Sponsored by Northern Virginia Livestock, Inc.

WED. OCT. 21—9 a.m. Another sale by request. Martin's Sale Barn, Blue Ball, Pa. Farm tractors, supplies, machinery, equipment, implements, hay, and straw. We sell on commission. Terms by Paul Z. Martin, Ph. 717-354-6671.

FRI. OCT. 30—7:30 P.M. Feeder Calf Sale to be held at the Farmers Livestock Exchange located 1½ miles west of Winchester, Va. on U.S. Route 50.

FRI. OCT. 30—7:30 P.M. 2nd Feeder Calf Sale at the Farmers Livestock Exchange, Inc., Winchester, Virginia. Sponsored by Northern Virginia Livestock, Inc.

AGWAY

Feeds the High Producers

EGG PRODUCTION (Hen Housed) ..... **269 EGGS**

AVERAGE PRODUCTION (Hen Housed) **74%**

FEED EFFICIENCY (Per Dozen) ..... **3.6 LBS.**

MORTALITY (13 Periods) **6.5%**

NUMBER OF BIRDS **15,045**

OWNER

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